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Shetch-Book, No5. From Softimber 7 # 10.36 To November 4th 1836 Including erude Espans, and first thoughts. If along with this habitefet study there be cuttied wated the firentice of constantly witting such views as anise, me purhaps closeite that state of mental dis. cipline by which talents of a very modulate order may be explice in a canspicuous and useful mannests me and being all at finit with any quet attention to mittract, but minity fruit aprilie for future com - sichration; and in this manue the different elepentments of a subject will elevelop und overcing themselves as they eccloance in a man. nu equally pleasing and wonderful! Munimomilies Inquieres concerning the Intellectual Powers and the Incustigetion of Jouth's

Neagana Latte chsent of page 114

gkrost some one. (1036) I Inow last notice of the weather, September 2- (No4) menoferped appur hensions of a clistimation frost, from the removehable cololings of the nights which had sometime proverited; " on the night of the 6th of Softhinker a fruitty severe fruit occurred which nearly electroyed some frices of Broom Cour, pointeculeurly in the low and moist frants of our mendow, and some of the genden planto In some places the tops of the include Com went hilled, but Ithink the ears were not much elenninged. The consequent lop of the Broom Com mil be considerable. The tops of same of our Street maples Thow the effects, by protting one the yellow unit and have of centium, while other ware wholly untouched

of the effect of the frost in the his towns, ene an not appenistel :# Finan the general primiple that the terrefruetime eleculases kulveling to elivatwon, in might sufifiese that frosts would fint acur un highlimits; but there is not eleverys the case. Moistupe sums to have a hand in the surreme of fracto, and the lawest ene most damp Trout of our valley find refrance there officts. a solution of this is descretele. In and Essery on Dew by Dn Wells of lenglemme, we have some facts which affence a clater for an upplanetion of the redionale of funts It has been observed that dew is ciliverys most coprious chowing chew end calmonights; and that it is emanfrancel with a reduction of temperature. The De seums to have establishment these facts. By a great va. rity of refumements he procus that 4. Some informed, little dumaged

due is never framed upon any substance until the timpuestione of that substance has been reclined below the truspicatione of the surrounding atmosthere; and that the cold which accompanies dew, fine cedes instead of following the production of that fluid. He proves ectso, that the surface of the ground, as well as other bodies has its timpuestine reduced below that of the extraos where, by leving fruly up posed to the clear shy, and that whatever shreens. I from this upprosure, ponount the reduction of timpuature. Thus ese eliar at eather nights, a thermometer, in content with the grafs frequently stood hom y to 12, und on one oceasion 15. lower than another situated & feet above the sunface; and that two there mometimes which were both in contout with the graps, one bury fruly up. possed, und the other strething by a seveen of partebourd, the former sometimes en elicated a timpuration 10 below the latter. In cloudy weather, and when there was wind no quest difference

was observed in the Thinmometers; but in such weather, a clean interval soldom failed to produce a great re eluction of temperature on the surface of the ground, while a pulsing cloud our a clean stry generally raised the Thurmometer on the graf, secural dyour. He faither observed, that when bodies which had liver equally up posed to the air, inene agamino cit the Jame time those which had suffered the questit reduction of temperature have also collected the quatrot quantity of dees; once that substances which had been expresed to the sky wine unefountly more elevel than those which has lière semesul. By placing 10 grams of wood on the gras covered, mitte en partiboard semen Shapul like the roof of a lowese, the ends ofmer, and another grantity of the same weight on another fruit of the greeps, universed, the De found in the morning, that the shettered wood haid increased its weight touly

2 grains; but that which had been The opinion that eleve is produced by valorier unitted from the ewith and vigestable substances, has been sutifficationly refutul by the Dr. entleast in so few as he has elimonstruted, that a quest fino withour of it is deposited from the Thurs the refuniment which Dr Wills has made, he electrices the following throng of the purchection of elev. big. On the commonly received and well establishme fent, that bodies have a truelancy to throw off caloric by raelection to other boelies, whose timpines time is lucier he supposes the ecuth is continually recelicating its heat to the high une colden negions of the atmosphere, that, in the clay time the effect of this radiation and smobble, buy more than countelectanced by the greater influs of heat from the cluet influence of the sun; but that cherry the night, when the countracting comp is removed, these

Auts become sousable, ume fonodue The reclusation of timpulation above stated, will, where clouded inter. pose, which of mete as a summer in the De thinks hand may be radiated from the Noudet to the ewith. when the temperature of the ground, after the elepersation of moisture has taken place, is at an below 32°, the clies is conqueled, and becomes hour frost. Ence according to the above it permitte this may happen when the tempulations of the colones where afine fict about the, is considerably above 40 chiques. If the theory of the De lu ecolmitted ers cornect, en it can be shown that ractication in low most grown d, is more coprans them from that which is higher & left mit, eve may creplan when the former enemone subject to frost there the lutters. Moreour, if it he time, essis expented, that valour when paping from

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remission to the fluid state, quies out instead of abouting catoric, was many executive of about for the colores fit when our morning, where it is founds: with owning or morning, where it is founds: with own the comments from the comments from the comments from the comments into the surrounding entroops have and lieues the fog est colores timper enter them the different own.

You a more fine view of this subject, See the corticle meteorology in the 13th tot. Edinburgh Encylopaichia, page 105.

Chevring a Country of its Nation Woods.

Nother this operation has any effect on the climate of a Country has often han made a question, and without any fact.

other than my own experience Ishandel experient the affirmative of the questione one changed their fraint of rising and are changed their fraint of rising and are course seasons travelected in some de que to be a visite more frait the

our of a higher temperation. There fact, are according to my own recotherton; but they do not awould with the aper - tions of many others, who are of opinion that the countries in the northern himsphere are becoming colder them they were farmely. Mr Williami Machine in his ob. serventions of the Geology of the United States says "The clubby towery of the woods, favors the accumulation of heert in the ewith, but dienicises the quentity of vapour. that in fraping word be conclusion into rain. Ar voule there countries, notte elementer land there is propertuily rungaring, and on no ecceverent to cut closer the trues Hut enoune the topis of the hills und mountains; far by lievery their tops, the summer timbutature will he so much increewed, their the dours will hap own them without you closery" enne the affects will be own the ivoods in the west Trulies, though

not in so quest a chance. See Transactions of the Cincuccin Thilosophia Society, held out Studentelphice, Vol. 1. new Series. 1 65. Thom soud, our warm secusors have cited ence our winters, in general, become tels cold. Mr. Maclionis theory militales ergounst this supposition. But admitting that chaving away the woods will all low the stins rays to cut with greater hance on the surface of the growned, may not other cuises prevent un increuse of temperature in the summer season! Occording to Dr. Wills theone, the radi cution of heart from the surface of the growniet must be quater in open Theire in covereel countries, and consequently, in the night, the ground will be more cooled than where it is covered with woods. May not elso, the war porcetion from the juntere of ofme grown in the clay Time, produce the same effects One other counteracting cause may be monthoned. If it he true that the sur - face of the ground in ofren countries, be e ones more treated withe elegations # outthe formerting of Dews- page 4. of the V?

10 33 them in covered countries, occording to the theony of Mareline, may not this heat our rise to the higher regions of the cut. mostiture, and thurly produce a cliseent of the coldie air inthose regions, like the hearted flied from the bottom of or west our a fine, as in the uppini ments described by Count Olimpoid in his Thitosofihical Essays? Descents of the cold air of the upper regions of the Citinos where have in sudden effect on the timpulation of the lower air; ance Ithink our sudden charges from heart to cold, and often peroducin by this eluse. In hat weather when a sudden shower occurs, the lower air should by the clouds is cooled to the e old water which fulls producing Her scime effect, the wife for our rushes elower to restone the equilibrium. In stances have occurred within my of Servertion in which a noverous shower fraging our on meelaw, has cours su such a rapril clivent of the whom Cur, as to finantiate quell grussen I sellicine Coire, in o/v/rasite elinetions. Cinel it

mot emcommon when a Thown halses. north or south of us; eAmo queit chitement observe the vane on our striple varying its elimetion, say, from Miround & the J.E. huping it head directed towards the contre of the Thowers, or fino of that the wind fino ceeds from that pourt in purhaps, ell ele withous, emic that it is ecused by a chosent of the lin from the refilm regions of the Citmos/Minie. If then the state of the citivos place be at tweet, by enthong away the woods of a county, A followes that this operation must have James effect and to chomete; und whithin the courses which have been apigned show increeise or dimmish the treats your sumers is left to the cleinsown of the neitweel philos-Jorne European uniters have encleavour to Show that then sufifred chancel of timputature in their climates, is consect by en acumulation of ice on the polar rigions; emuthat this eletemoration will continue, and finally rinder northerin fromties infit for the cultivation of some

Of bigetable Montd & Monapes. "The quentity of the reveile found in a soil is considered as a cinterior of its nichneiß! In new countries which have not lever electreel, or lange of mantity of this mould is found when the surface, de positud by the true which overspread it; once it sometimes happens that the quentity is expirat too quest to uelmit ef a enope of coluent; me which ease some other crop should fine where the lunds were frank covered with this mould, ever now almost bar rinfields, omil require great quantus of browne to ristone them to a due degree of furtitlety. Nohome the want is constituted of elecompresed rochs robush contour in their elements food for plants thernery in some eligno, be restroed to its original faitestity by the aptitude. - tion of maniene; but where the soul is elistitute of these principales, as is the case with soils correpresed of must of the primitive rocks, the land is of little value after the negetable month is whom

Hence Juinteur hills where granter rocks abound, the land must be for embly quat quentitus of memure ene Of plied In such countries, however, many low plans are found puscuting morapes where there is a good fino fior hon of regitable mould, washich in from the hills and portelly covered with loater. Thise, where it is, possible, should be chained and cultivated, and when well managed, will be wellent lands. Whene there lands we encompassed by hills of small extent, or limited bases youd thurse of a turnel un electhim, may be within the rules of economy. In many instances bevery lowening the levels of Strains which level man morapes, may be sufficient for chaining of the water from extensive - valuelle houls. These hint, are considered as import. ourt for many prouts of New Concellering where bowen bills ahready prifered to or elevery once repulsion as sie truits of

14. . Dis it may be of use for the firmer to horow the chemical forocof by whilethe geranteum of vegetable mondet ma soil, is elitermined, we add the fullowery Corners of the sail is thonoughly chieved and then conefully mughely; themap is their exposed to a red heat in a fur. nace, cooled and agam mighed The difference between the two weights is the grantity of regitable matter tost by combination, emil if the finocifo he carefully conclusted, the result well not very much from the huth. method of pleceny a Transt Telescope on the Mouden of a liny Jalane. Lot the Transit Instrument be placed or the minichen, as necesty ow can be quesues est, by the pole stance; then ob-Server the transits of two Stems, one to the most and the other to the south, whose difference of A. Escension is on ewiality known, from tateles or other west closs not useed a grante of con hour. New if the defference of

the times of paysing, as observed by a clock or wortoh suguleted to mean time be the some with the difference of the Olascensions, the telescopic is in the mercelian. But if the northern store fragses the merieban fint, as will bethe case with beta bursa Minous and beter Libera, and the interval of the observed O.a. the telese ope verges tow wicks the east of the north minich an, emel thereby Justongs the observed interved. If there fore the next revolution of the north enn stew, it be hefit on the middle wire of the telescope for half the num ben ef seconds, by which the observed interval receded the true diffinence of CR. A. the telescope factoring the star for that time, and the suffered to runtin in that prosition, it will now be exceitly on the munichan. But if the observed interval belifs than the culcitated of elifference of All the telescopic venges towards the west of the true minichare; one there

16 the southern Stone, in the next rive-- littion, must be hefit on the middle of the wine of the telescope for half the number of seconds, by which the calculated difference of Aught telling-- eucls the observed interval. The telescopic lung thus oreliested a elisterret mowh should be fixed, so as to, regein the minichem, eight it hus hur removelp. When the might we more than 12 hours, the fallowing mithod may be nsecl Choose some uneum polour Stew enul observe its praparge both above below the pole, amos the middle wines the telise ofre, placed nearly in the menillean, noting the times by the clock; and if the interval of time between the prapase of the Stewn above enel below the pole he equal to traffer revolution of the Stown (or tralfer sidemal day) oismeasured by the clock, the telescope is Juneusely in the menechan. But if the Store below the pole come later to the telescopie Them half a revolution of the stown, cufer

A has paped whom the pole, the teles. cope verges to the east of the northme viction: and if the contrany, it verges to Towards the west. The evenor of the telescope is otetermed by the following . Olule. To the Imopultional or logistical Logovithe of a difference between / arevo lutture of the Stair and the interval of the two observentions, add the Log. Co. Sine of the Levt. of the place, and The Log. securit of the Stewis cutti; end His sum, rejecting 30 from the inchip, will be the proportional Log. of the time between the observertion of the How about or Celano the pole, and the truetion of its papeage own the mendean. En. Suppose letta ausa minorio is the Stave. Volence elisterne 14-35-30 Pitt. above the poli 54-33 alt. on the mucham below the pole 25.22 Porporge if the Stime the fine goo- on Do lulous the prote of- 3-16 AM Clocks loss in solar time for . elay _ 4

Ors the North looses 4 Ju Day, instead of 12 hours, it counts for / ouvotation 11-59.58 Perperge unclu the pole A.III. = 8.59-50, had the telescope were right. But it Heliscofu thinform veryes to the cartward of minulear because the stan pulsed 3-18 later them /2 a nevolution:

So fino partianae Log. of 3-18'=1-39= 2,0378

aced Co.S. frot. chit. ___ 14:35-30= 9,9858 Go S. Leit. of place - 39-54-30 = 9,8846 Sec. aut. of Slan above 9. 54.33 = 10 2366 Jun - 30 in inclup _____ #2, 1448 = 1-1794 = evenor of Tel. above prate. To evenor of Do belace the pole. Prop. Log 1.39 - 2,0378 608. pol. elisteren 14.35 30 - 9,9858 Co. S. Lat 39-54-30. 90046 Sec. Stews Eut. 25-22 10,0440 error lutin the prote= 2-0,6 1,9522= If the Sleve, thenfane ent the most most most -lution above the pole, be followed

the Telescope for 1-14, 4 of time, & the Stave he heft on the wine choing that time, the Tel. wice them be on the menidian. If the Tel. had verged tormuch to the westwood, the Stown must be followed in its pulpage under the pole, choing the time of the ever of position under the pole. The mothods whome, and the order Stance of those laid down by Dr Ewing in his System of Nativial & Exprise. minted Thilosophy. The former Ithink Imefrable becourse it eliporeds less on the cornect going of the clocks. Suchajos the mothoco of eletenmery ec meniclian by taking the greatest clonga tron of a concumpation Star on both sides of the pole, and hiscotory the conofte, is as accervente; copucally when a lange and will growtheated instrument, cupality ling read off to seconds by repetition, is usedo. Un inconvenime cittinds both, as they require the night to be cut tecent 12 hours long when the weather is generally cold and in comportateles

5. Electro-Migne tione. Herently received the cotte to trave of Photos opins, enna affonds a series of concusing and interesting explusions. Un coc count of the whole subject may bee former under the curticle Thermo-blectrucity, in the Edinburgh Encyclopedia Timele the withele Science in the Same work Vol. 16, angeven some cu mous feits in nelation to the effects of From Bells und hollow shells of the Some metal e on magnits. The Berlow has formed by appare muits that the outhouting power of incon boelies for the magnet results whole by on their serefices, and is indefendant of their merso, peroceicles the thickness exect en and the 20th front of em inch. Hine it followed that hollow balls or shills, whose thicknown receiled the 20th / count of our wich, houl thesen pracuer ow a beell of solid in on of the Some sine. This gentliman has

invented a method of country the myniture much, on board of Ships, when chewon out of the mante minor and by the even of the ships. a sheet of inon is Whered estaff the companys of such chimen stone, and cut such a chitamic, as strouts be found by of minerat to biry the muelle leach to the majoritie mullion. For a frustrailour account of Mr. Boolow's Correcting plate, see aut. Vancation of the nuelle, Ection. Cency. Elles Boueditchis Neuvi. gettom, Juge 199 - Sieth Estatione. Con Essay on The senne subject may bee seen in Sol 4. Brandes Journal of Seconce, Juage 102, The singular effects of rotestion on may nets owner other bodies, is green the source Ency: under the cuit Seconce Juge 623-chis council by the Chrustie. Con won plate moulete revolue rouniel un apis passing throwing the centre, acquires diving its rap. - ich motion, emic posses, a pour es proces es processes processes es che continue in the magnitic Heidle. The subject has lever tuhen up by the Boolows: esne he found that the rotation of a 13 mit shill in elefting int churchions, prochued opposite elive

devications of the neidle. The subject is civious and elimends the eitherhon of the philosophie. In my firactice of magnitic Surveying se semelar effect has been objened, where en four whicher wagon was passing my instrument, though cut a considerable clisternee; but I have found in some clives no effect from the coverege is this emy way connected with the chis-- covery if Mh. Christie? The extrection of the needle by the enous en a Ship, and panticulevely eme comed one, esseure es one locationient en Ewego if mon, I have long supposed must mulinically effect the Computs by a vhichthe ship is stared; but itis only of late that I have seen any notice of this disturbing cause Corrons in clearly recovery, heringenneelly lever cethiletitul to e cover it is the ocien; but it is finologic that these errors ene more frequently the effect of the Hatter of the moning which are mot with in lang vayages a

6. Of the Improvements in Navigetian. Frior to the use of Hadey's reflecting Octant end Suptant in 1931, come the mettod of determing Longitude at Sea by the Comar mettrod, the curound of a Shefisivery on the wich accom was very imprinfect, emel a voyage round the Globe was considered a most out vertirous undutesting , lined truly it was so; for theire voyages were cuttered with meny chrestins. The errors of the magnetic needle from the cethachon of the even of the ship, no cloubt were constitue course of some of the chaeusters which eine detentied by voyagers. The intraordinary ever in the elicid neconing of Commodern anson's Stufe, the Centrouson, in its run from the Thught of Le Moure to Capre Noivin 1741, must in some measure be cettitisted to this even of the necelle, event not soldy to the westing covered round beach Home, en was supproseets. By the cleur recenny the Continion was sufficiend to hangamed a westing of 10 clignus

hence sowied these lives, and much less of time, and lenought the shift to its

chotimes front in that Island, out The currery of the tripis using, as now firentised, will enforce from the fol-"Gafit. Basil Hull of the Rayal Newy, related that he souled from Jan Blas and the on the west coast of Musico, civil ofthe a voyage of 8000 miles, occupying 89 clays, curried off Olio-Jumes having in this interved paped through the pacefic ocean, rounded being Home, and crossed the South cutteritie without making any land or securing a single soul on the voy age Cornory within a few clays seil of Rio, he took uset of lunar observentions, to ascertain his true position, and the becoming of the houstone, once shaped his course encorelingly. "Thouse to" Jays he, ent to in the morning, till the clay should levents, emether line up ; fur cetthout Awas horzy, em could see before us ci comple of melis or so. About & dicon it become so foggy that I

.26 was just bringing to wind again he lum sending the Juople to leneat fart, whom it suddenly cleaned off, and That the Scitisfuction of seeing the queut sugare local noch, which sternes on the side of the hevelour's mouth, so nearly right a hiera that we had not to alter our course above a point in order to hit the entrance of Olio. This west the fint level we have seen for 3 months, after empiny so many seas, and living set leachereures fout Winels This was enternly, or very explanding Condfull, once elemonstrates the perfution to which navigation has covilved by the infinovements four time. lealet Heell's strif must have hapeel over the venue sees which were so imbovoraping to Commodone Pensois, end without other meuns their blead reconny, might hewe next with equal difficulties. With good elmonometus - Sereaul of which should be carefully hept on bownes, the Long thick may

by relied on with equal certainty. But mores should be tuhen in Join weather, to venify them. Emother improvement is the victority the encus of Ships, so as to avoid the senvery, the beine of early newegetures. This now encumnavigate the ecuth with securely the lop of enman, from this made dy dielet to their infravements, their Tweluction of Steem Newigation, constit tomest le en elwatest chance of purfection, as relates to this bremch of know-Dence Recovery wie stat be important in nanegation, especially in clouchy weathers lend it will not be relied on when the Ships place can be determinedly celestrat obsenioations. The invention of the Cincle of Reflection by Mayer and its improvements Ly Border, Tronghitan and Olios, havermolind obsenientions for luneurs, more cecurate the methe octant and Suftent, emulthenty Longitude with still greater fine sione. Lities not forgot the line fets resulting from those faut of our mathematiciand Thisosofohiers.

Noveline of the Companions of the British Comy cet Hashington Buttimore and New Orleans, in the grows 1814 und 1815. by am officer who served in the Expedition. Wal. actavo. pages 431. This cinonymous work hus lever repub. issued at Ihiladell whice, and is consider ed more fein emel candid than the generality of Emplish Sublications which triccet of America. What runk the not appeare . Oshe have similaring cleve Lovce Willington in Sprin and France, hi must have become will verseel in his finosessian; and wethur his elisevoino show enne good judyment in his eccounts of the of water porteculors he is little incuervate. Ofter er eliterit of the Bestthe at Bladeso bring concethe ofmation in the bity of Washington, emil the return of the army to the Chose peache, the enthan points out the crimos committeel by amoni cans in the defence of the Confittol, ence chowing the mount of the British Conny to that City. He serys "Tenan

the beginning to the ence of the affacere, they the Commicant cutic in no instance like finite or sequences min. In the find to faloue, they ought on no account to Lique rished a general extrem in an open country to see Thong and steep; and secondly throng elwervill to suffer much more them they clear, for furnithing an enemy's army to functiate beyond Noting home". He finds not fecutt in us. for Jumiting the British inny to leavel, bent sent eithe it house landed instrudge concentrating own forces in our place we ought to have howaped the inenny with continual shimmushes; fellect trues on each side encetterounttiere acrosthe roads dug deep trunches at certain intervals. in short to have adopted themoele ef wearefune to which were traducto, as well as the nature of the Country investeet. The factoury removeho ane judicion. In lunence, every man i a shot from his very boy hooch, concerney man Sences in the melities; but to being un anny of your mulitier men, however recellent they might be as Shots, into

a four full eigninet regulou two ops, could und in nothing but defeat. Mun two lines oppuse each other, very little eleprinds upanthe accuracy with which inclivieliels take wine. It is their that the habit of coting ii. concert, the confection which each men feels in his companiones, and the respiclity ence good order in which defenerat movements can be opecido, and alone of wal senuice. But fuit these militicarum into thich rovodo, end send your rigulem twoops to die wettern out, man mice immedi - citely lose use the endruntages of clisto somerny singh constato! "Have the americans, he continues, for mitteel is to enclocance es fem as Noting -- hours then benohm up the roads, and covered them with trues, it would have been impossible for us to go a step beyond. Assoon as this was effected, they mught have shiring with is infront, will hightour either tron alive, with front of the troops while the rest, arguentest as they

doubtless were with every inches the country, had got into our recus, emelyly a similare mode of proceeding, ent off am retricat. Thus we should have been tahm in a sname, from which we could not actual ourselves, ence should have been oblique, in we probability, to surrenche est éliseratione! The next evenor of the emmesons, emel which the writer exills eimosishous one, neus, not accupracy the town of Blackers lung with frant of their forces. Her buch hourses of the place, the voiter thunks, i vould have finesented formidable obstructions to the much of the Butterhammy, had they been well munned; ence he finds fault with The chefrosthun of our thoops on the hught beyond the town, there bury no place in their line effording a single point where en energy would be expresed to a enos fine. The envircant, he says, unice chewor up nothing Thereght lines, like so many regiments refrance gala francicle; while the guns were used ers connecting links to & chein , bury finds in the serme order, by ones and twos, cut

32 every interval". In maintaing their position he thunks, the emeseums inhibeted muther shire nor rusolution; ence that no twoops could behave worse them they click! Amorequeentine as Jen with the exect Topografily of the field of buttle, it is inpossele forme to judge muly of the elisposition of the emerceum twoops. There might have been errors in the forma tron. But judging from the mornhus of the British helled, und the repulse of then light bringuele, on the find exttucks, when of ready to exclose the with the writer, that no troops could behave worse". On militia lenote and game very before inferior numbers, it ishow, but in the they articl as cell under coplaned mere view, when opposed Whene the offenousy the offer are medy egreal in min beris. The grand ennor was, as the writer has assented, in rushing a general leather on ofren grounds.

Em commen, who has sufficied in approved the British Novement the

Buthoh, instearce of 4500 as resteel by the Buth officer, was good, a bout the Senne or given of the limeneums. But letter es it may, it is entern that lust a hourt of the Buthish anny was engaged in the aution; ence though the emucicions menteretien A does not full we that they luch the sprent of soldens, but only the chscipline necessary to make them so. The fallowing is the risolach of the Brutish Officer on this point. of the primarile comage of the Commecus. there can he in cloubt; they are, indi - vielveelly taken, as beauce a nection a ony in the world. Butthey come not soldiers; they have not the experience linglet of fully, therefore, to bring there into a situation where nothing up. eit that appeneine and those habits will avent; and it is on this amount that Irefunt what Thane churchy sin that the caption of Warlington was more owing to the faults of the limeneaus thumselves, incere to any other cause!

34 In the defence of Bethermore the Nevia two gives more shirt to the Commences; They had therewore up strong lives; had increased their cuttellery and non bens, while the British force had eliminshed, But without the sunds-Led defence of fait Midling, it is doubtful whithen the British upper clition would have failled of sucupit. From both of those upprisations we ought to leave a useful lesson. oumile tree there, es une us nois, were not competent to the defence of the country ergennet eliserfilimed rigidem two ofis; ence should unother were occur. white we vely on such a faringequel discistino unice happen. The faut is not in the profile but in the agents They intuist with their coffering. a some partion of our fousant metition, 33/mopuly organized and clocifilized a fur weeks enruelly in the field, sub-Issisted come price by government Belletele so enfelaged, bould give en result very defferent in every futine * mousime; once until a filan of

this hime is adopted farthe astates, by Canquels, we may think ourselves factionede if we escape the horrors committeent to a iver with a frawerful nation. But fine sent notions in sugand te en vectional elefence ene absired in the interne & cul Horse who rust secure under the Jument mitita system, whither they know it a not, must be inemies to the welfane of the Coun try. Que hope our leading min mulo for thin eyes in season, to wevel off the clanger. The British officer fully awards to the Comencions personal courage, end if this were cloudated, we should need no Thonge proof of its reality there the orgethent qualities of the bonny, efter time was grund to chsuplane it, in the worn of the revolution. The because conclust of our navy in the late war is conother proof in point. Theterthe is, with the same chocifatine as that of the British energy, out noops evould Lee equal to this In every provileculive If use refuntedion as a military nation is now sinhing, it is owing to the false notion thet every man can be made a soldlichy town

36.

with the out of wear es themselves; and this with no other pay their the then the themselves; the themselves, and the themselves, and the themselves, is ignowed to the first lesson of this ignorement of the first lesson of theselves.

8.

The Murage. Con instence of this plunomenous is notwed in a late Sellin Googette. as seen by en number pursons et the New Come Hause mone Stutters Beach. The south shave of Northant was seen whom the court for leagues, whenevery to rise to a great hught, as if formery as emmense pur melcular sond diff. The plion omenous was very every refinesenting most of forms, multined ly waters on this entere apprendence. In Brievstens Littens on Northwest magic, meng be forme et good de. sulfiture of the mirage ember vain ous nemis, ensuell ers in many often philosophule vorhos sind the whate one explained by the frime Me el Alvino/ there refrontion.

9. Height of Decopied Et. Mounterse, by a trugo momentaccue of concerteurs. abase weastakers in the South frant of Develier Street, and the highest of the mones. determence out each externity. listter lease views levere the results work very muchy the sures at earle will noy fut. The top of a true and He summet of the Mons, was used in the vortucal carefle, comes of bourse its hight should be lie electritiet from the Orbone attitude. The height of the senne tree, dechuir : from a levellease inthe low grafs ma · classe South of the street, was found to ber 745,8 first coleane the lause. By civreying a live from the meadow bess to that on the shirt, the latter was formed to be 21,84 feet about the former Lucient fullows that in one of the offen : estion there we as a small one hurt that in the start were consistend the lest. routt. the Charles O. Boutelli, astudient in our Accidency, was with me in the eine took the cryles de dung men)

Specimens of the Steints enid Juits of the Islamic of Cuba. By A. F. Wollstoner oft a Lady of Maper Ausetto, who chid in that Island This Laily, Jenne informid, Denge tive of Thingsbury of Newton, end movvied to an English Gorottonen, Me Wollstonenaft, a bnother of the farmons levely of their neme, will known in the Literary world. Of him Brogrestohy Husis out that I have learned; but from this Sprimer it would apprecent that The mint have population gones for froteing supremon to most of his sup. in this Country. The work was hundly land me by Mip Shingsleuny, a sister of the wither, cotro were on a most to the town & whom dem informed, proposes the services gives of him sister. The works is in munuountst. consisting of two Volon The plates ence good elelina ections, on a seny soze, cheun with her over havely in cuttour copymo-Jenieste coloses. In her disentition; the Islands are numical and classed

according to the methods of Botunical witing, and unclind intensting from by hu ingenious remembre end eincedotes of its mounts us a Botanual works, Jam not eaprable of councity judging; In my engremment with the secure of Botenny is best stight; monely what I have obtained by evoronity looking our trustion on the subject, without making it er favorite Stricty. In hir choen fation of the Choisent Vea (brochymorneni Grandiflora) the writer serys "It may be that There mustuhen the gener, once spures to which the Botenests have enjorgned it; thethere which because the fluxury for without either Books to inform, or secuntific formules to commit, it would be entoustry if I chet not make many mistakes in the romenetaline, ence in the witifical are rengements of plants, which have been fine susted to me, end their characters unfoldel by neiture only, without the slight est and from scrintific pursano. Theon by elseviteme I have had, either in est-Leiting the foliants which compose there volumes - in delimating - or in chamber

them, hus come from slevies, who, horowing that I lovel flowers, hoped a real for every one they brought me: Diving my life; Thewe styet neviet have so much as a single conwersetton with a Botement; much les a Elpan from one. I chowile the plante ers There found, or thought I found thim. No evil from other has onoted mi. Frunt be therefore that my de cun affinn it is unavoidable, not welf estellents, that share clifere this page" If the weither is incurrent in enny hauteculeur, Ithinks the above ought to be a fall estonement Inthe discultion of Espielinermenthick She names the huaker flower, from to modert simple beauty, she senge."9 have lum induced to east it by this name as it who preums in happy untolin of the imassimmy, hundele yet interesting, outers of that emiddle sect of Christians. I have trace much les intencourse with this class of my Country min, than I could have chowing; but faiture has

often bevought me in contact with them in travelling; and I can truly sery that whe the our acqueunteme voine longer or Shorten, Inever aget fruitel with one of them without sincere regret fontientially those of my won sup. Thave inseverably received from them that smeet, attentive soothing huchness, which cannot feel to unifores every thout had one ejstone or lead, with sentements of tindevness, esteem and celmost affection, though our ecequeentone wine only a fue clays." This Ithink a hundsome enlogy; emel from what I have seen of the will in formed, emong the huahus, I should element em appropriete one. aprinted edition of Mrs. Wo work would be upprensere, from the cost of the plates, emel might not mut with a recely sale; but en Botemisto, no doubt would be greatspiel; to see it come be fore the proble in this farm. The stricty of Botterny I thinks is an expline Juneate instruyment for intitligent firmely, could is to be requetted that more of them clond ful up then leave hours in per surry it. It is not a difficult serines.

42 11. Of Botuny. In the last in recommending the Itu. dy of Botamy for Juneales, we have Souce it is not a difficult service. In meen to be inclustood as saying, it closs not require that abstract decising which is needs any in meithementies & Some other bremetres of serence. France A is, Bottomy is located with es technolog reether technous und to the mind is bright ence the men. ovy good, this may be overe once. There it elptremes that the study another to be commenced while the hubril is young, or rether, before he becomes ofthe inethe memory Truencherous. The terms once rivited in the mine though not wholly un. elistood, will mable the propriet to Invende with considerable success · But it en/s/reams to us. that is systems might be contrived letter outabited to the unclimationding of the linglish scholar: Ruseli its present form it is rether repulsive to such pupils. The consequence is that many , is

most of thise, mighot the study, ance the hnowlege of it is tochect up with a few. Wine it otherwise, many intel. - ligent young prople, who to unfilay. munts lead their often to view plant mitte fulch, would be entite to give then ence in chseverus importent in the sermer. But it were be said that the summe of Boteny is intended to be general, entirecting to all literamy Countries, and that if each had its system in its own language, they would be too me minous, and that un Englishman could not undensteine a Jonem hoys. tim, nor a Frenchmen em torglich one, ance that the Junesunt system is un some measure understood by both. But admitting this to be time, coouled not bottomy, in fact, he more cotindo, dery in the Christiel Stutes, by an En ghish osystem, than it can be under the prisert! ashough the technical terms now isect and the sense in bearned Countin of will not Toleve, be furtinded that en lengtwhen en could undensteine a.

44 a Funch work on the service without on eregeranture with that language; obenic the secone in defficient nations, wice, in some measure, remain distint until out the languages of stiffent nettions show he reclied to one and The some which is not likely to take recee. Much might be seriel outher Subject. In the present language of Botany, however excellent it may be elemed, theme coppeums to us, to lie some single. Senitris, or emomatics.
Thus, the Calyo, or outer frant of of a flaver, is generally "not colowed" Ethough in fact it is green; ens the certific of the copylete becomes it is green; but that of the newstrontion is colours bucause it is not grun. Estronge use of terms. Why not sayacalyo is tu ba. green when it is really so, and others turis and of such and such colours, as they Butuny provitate of: -. Drycine Boisons, une elefendet la " any substance which in a prostruction manne durange the vital franctions

smil turner cite moitally, it not counter cutico". The fullowing is the language of Botany. "Hents with 5 Stumens and one pristib; with a chill-colowice livered corect, and a nuescous sichly smul, are er hucys frasoneus - to tolicies - Thom Offile hunleance mightshade The elique of purson is climenshed where the flower is lenightere coloured ence the smel istels! nervocous_ ers protector is les passonous, Though of the same gines with night Econo Sheide Innhellifolous filunt of the Bolery cignotte hince, enver of an musious seent, come always possonus - as wester him locks- cow- remstry- But if the smell be falewent, and they grave in chay land, they core not provouses - as famil-dell concancle rount encity. Il conto from which ifocus a milhy june on bury broken, em frommes, untils they been compound flowers - ero mith week- daglicine-milne's contacted Circle Levetes civilia! Meny Whents propy some elegrue ef the naucotic porincepte, which were Still by no miens houtful." To sory that a filantinochluceups house 44. ans, ence that in entere orthichenox a little varietron of chancete, they emenot poisonous, enformers outher erbswed. Enfluent is prosonous when it sinvelues et prosonaus effect; but to say it is prisonaus, ence cot the sume time treounded, we equally enterviel. The potentie is runhermong the poisons presheeps, for no other reason there it is of the senne genero with method shucke, en prosonous plant. Botanist may this Julay with language; but the Judgle of samuet ell countries, who canstitutly fud on this wholsame root will not tulence that they use taking bruison into the otomouts at their sufrush with, though Botements muy aport it o when a plant extractly produces a prossurem effect on unit muls, let it be cullect en prosson, but of nowusling and houndly, let it have a eleffunt never. In curreturium, une very, when cotany can humade en ropular study, Amul he come useful funt while Il runeum our for the lack of the ling out, it weiter limited.

40 Military Estignette und Dness. Ince Boston Seepund the 23 of Supton we have the Idlanding . Meny inqui-ries, cistothe military etiquette et a commence in Chief reviewing the troops in a citozia chiefs. Governor Everott made this appreculance on the Common last wednesday, in a suit of blecho. In otten ivorely this Encelliney review the Brigade of Light troops, on Bostone Common, with the appro princite timselliel coest. Wer come recedy to admit that the citoznes of Boston, in general, ane men of discernment, coul in some have, trenteur, outrite and eagle eyech; lit as ruspriots their notions of soldiers formattries grandly as the young boys who so eagerly follow the breefs beines that Inomoracle the Shiets francis of country Elinho, unele the nevine of Soldiers. In the leity great stuff is laid lefron a military chiefs; 200 one can become a solèlier unthout appung

48 cinei cult the fofficery of the sprofes a eluip fitted only to please Lacties in a leelle room. This is the forwarding notion of those who we not soldiers eget love the glitting show oflows: Circerobut eleperietance may la Macecl on such stoom, is left to the eleceptoric of officer of seince & appune tula over give un amedate of a corps end the lecitite of Westerloo as extentiel ens omethe the thingicle. West to Flored. I'll very gery hymmat of Gentlemen light house volunteens, weren the beettle, ett inherteiteurt of a Continuala City which Istraic not name. line on. putunity occurred for them to Morrage the Funch Cavalny, and an erid eticamina come to them with an order an negocist, to that effect, from Josel Wellington. Thun Coloneli. greet sunfinge, objective the many Strength, - then energy swi, - con the considerethan, which track unidouble -ly, he sered, escepted the Communder Un Chif, that his regiment were cell gentlemen. This eleventing response ivas covryect back to Lold Willington; who disputched the mepinger erguin to say, that if the gentlemen would take frost upon an immere, which he fronte out in the reew, they would have on excellent view of the beette; and he would leave the choice of eigenofe ere time to change, outerdy to their own suggestly come clisentrone, in which he treed the fullist confedence. The boto. will entruly thunhed the suil-decomp for this cluster questice frost of hand, once followice by his gullent traine with their very high followers, were out of clarique in expression The segercity and elisantition of thise gentlemen soldiers, it is presumed, hept them safely postice cliving the remounder of the lecttle. Que dimit the encedate without comment. The importance of a uniform obejo for militier hus bein very much overettel, and it is time that wie should

ud of em envor which adds so much to the expunce of the men. In the city Gorps 100 challens were hardly procure the feishincible eligs, which ensions no other frumprose them to make a spaw, conclete all to a false estimation of the chiscipaline of a confrs. of wekent isse cam it he to level up soleliurs in buchreim, and to ornament them with red, white and yellow; cochacles, Lecuttures enul saistus, without regener te convenience, and about outeun to service for which they are eliviqued. But encording to the openion of some of our moutines, those and afun privile commonies of parade Constitute the essentials of the soldier. linelice frequently hear of removiled to the francy ht and the fra. numbers extraordy error wearte ne. there levet a uniform elues condhaid. Some fecthers, to render it complete. for Senewie; whom its eliseistime at the same time, many be so impowent that it eaunot make a movement on prevade endaptid to en fried of lecette,

now could resert the shock of em equal minter of disciplined regulars for amornint, though in testino multifornous brutelliments. For farthe remowhow this subjects, Sectour. of the of my Incitie al Instructions for attitity The unapriming ebuts of Gov. Everett. cutthe review on Bostone Common, metto my appendenteric; and Ihope it may some as a useful telson to our City coups of mitteed ers regionals their eightewayence in usetil and ty Jum his formen habits in civel life, it commot be supposeel that Gov. Coverett has acquired deep knowledge of the aut of locue. Ithme the trus applied houself to this out, as closely as he has to many other braiches with circle of securice, and joined finactive to his study, he welledten understerne his new finosessanit we clouded not, become convinced, that men land wife to the timeler seemes of domistre life, commot be relied on in the field unless they are in some clique, traditioned to hardships of

52 the tenteel field come tought miplict end michanical obedience to mitatany orders. In the nighest of these importerit points this the ever of our Boston frumos whom we are ready to ordinit proper the spent, livet not the habits of soldiers. 13 Gonverton at Wouldty Mays) At a Convention of what is celled the Whig panety est Woulder on the 14th et Sofitimber 1836, en minden of Resolutoons weene pased up impour of the sense of the Convention in regional to the administration of General Jewhoor. The Oles obestition instructed heavy chave ges against lind policy, and in some To acticul aus Ithinks them well founder. But muthout any forcetions for Gunal Justson or his system, I can not cotone that he elisances cell the one Sure of theresolutions. Est the time of his elication to the Presidency Iwas of hoscette him on the ground of his inecoperaty for the office. His posserver I supposed ween found e et on his suich in conclusting de

military fores est Vuo Cotiones, and against the inclience; and colthough thise evinence that he was a brane man I could not elemethema proof that he was fitted for a civil office, like that of the Inisteliney. His talent, however, Ithinks are of ernous Election outer than I had suppresself; ence his conclut, as respects the insume mullipens of South Cocrolina, expresens to me to have lever highly commenceable. In some other of his plans, Ithink he chowies the con sure of the resolutions The 2° Resolutions conclumes the policy of the President in ration to the unjust and cruse conduct towards the rum unt of the Inchantalees, in which I conceive, In the 3. the removal of the chipsosots is conclumed as an evolutionary mensure. calculated to introche a vart system of consulton, which may undermine our Reperblecan systems. On this fromt et has been seine the measure were un constitutional: but of the I come not elecuty sa, have buttones it their same

Lunge a majority of the prople have swemitted to the les fairney self Thank not viewee it so franght with distinction en has leun refinisantest; lund have considered it us imagnisi. ent; and exist from the hostelity it enemeral engenest the mutice states Bento, which appears to me important for our mulfanie, I consulued the runow. cel of the deposts as of no quet couse. grune, inquicted the money could le sefely eleprostres hepit. In the It Nwotestian the ent fur The distribution of the semples revenue is notice, unoth expendention, on the any rundy for the counter end abominerble system! On respects this it tertention of the public money There some cloudets of its retility. Buc there not other objects of a proble noture which care for its upprindetine? Mary might be mentromed, ennong throw the dfine of the nation is the most in-- portent, and the treasury of the U.S. the sims that may be wented on enny imengency. The hay of a setest m

titee by Congrup, should not be forgotten nor the incues of our navy. Butiffle Insust revenue is not wearted for thise and other objects of a public nature, let the touff he lowened, or limited to wants of Government The 5th Resolution notices the late diffic ently with the Fint Government gind expenses obligations to the whigementions of Conquets for having saved the Country eind its commerce from bury plunged wantonly and wolfply kunarins, into the mentable lopes of a war with Frame hot brained rushness of the Erohninistreation civil it, acluseus! Tuem is to be defineated, and avoided if propeliti; but they who rely on pase inottrand the means of elefence, next on er bnohen staff. Here am unavened end unfinificación lo hane unto the faut Timeloudelly on the Congrues; come in the righet the whigh were as might faulty ous the friends of the eichnemstration. Cornery the verneum Jengets brought

lufum conquep, un see little in megand to a finopu and effunt organorcetion of the mitities. Hum est parties rust in purfect security, though in a imelantetielly su a recroonice of the disgrere fue of meetions ent Blelinsbyth enne tourhington; enne ell om sea Eourt Entres, would be est then mercy. This right of the government is not to be changed to the President; for est the communement of the Cart sepreon of towngrup, he forecably unger wester Took to the subject of the mitches, and suggestul en esplinofmention of some of the sweplets sevenue to their discontine, and wheat could have been more fino for evere use feel, But this suggestion was lost in the Thinggle of the parties in Conquep, andre une still lift inthout a leme forme computant to our defense. In the dispute with Frame the Turdent is changed with rashmels, and Ithink he would further there the eccusion chim under Tituated as we were without a sufficient

lance force, / muchine regimed that we should not be livity in dimensting seitesfection from so powerful a mation as France when we were furthy so long us languely take the propuma sums for overning und clisufiling en hostron of the mitities, and litting them for the file, we should intell the neceptly of cringing to formage impositions. But in this affen with France, this doublfue whather er les electione tone Fran isselly the President, would have brought his to comply with the tenns of a trusty other had so outnageonsly infriengers. Instinct of working columnt the language of the Sunderit, had teargrup tuhun immediate stips to place in in a defensive posture, and pirmitte us to rest on our anns, until the Funt government have complied with the homes of the trienty floudel not have such Friditing refutedtouset solow con ell. The rejone this the dispute was friedly sattled us it wears; but ine

50 cumot evoid unnewdaing, that the steps Twhen by us, to effect that object, were rether eligracting to a nection so how infuces in might be under a finoh en system of mititing defence. The wew now raging in Tures is no treed in late resolution, and the conduct of our Government in negend to it, condennes. Henre we amen consterne with the resolution. In the yth othe 29th Repolitions, which refleres from exention in enoushment on the constitution, we ene not so columned as the Conocition If the President is making strives & ourvleafring his power as confirmed by the leanstitution, why not impeush him end being lim to the text of or trical: If it he said this comother clone luceuse of his minerous supporters in long rup, then it would en freue that his firstwater strictes one Eleur clustitful; fortis not to be believe thist a grajunty of the mundeun in both trouses, chosen by the proper of cut freuts of the

59 h States, would suffruit tim against their interest - ours-end their occur. Mrem Burnio easting vote on the is noticed in the 18th Pholistian. and in this we achnowledge he has this-When will function, standing hostile to the spirit of our nefaulducin govern ment; come without estonement fue this mistif we houselbe controns in Selecting him for a high office in auce government. In the numeration of Mh Webster, in the 11th Asolution, we should concer. Invended Amure populete te elect lum; eme me night that his not more generally supprented in other States of the Union. Lit Anothe suppressed from the Jonegoing that we eine friendly to the construction of Gent Jack son. That he has evered in meny pourt is obucious, emel in none, we then ho. more them in his hostillity to go Bush of the anitice states, Then, in vere

60 view, is essentially newpany for hanscuting business in vanous frants of the untel States; emil if aliolished, ine think not many yeurs ville ela/1se before Conquet wise be competted to roort to a similar institution; for the mople were elimount it of them. The feares that are intertering from soformed from in the President, afrheres to us to be groundless. To long ess the union comsto of 24 soverignters, son willey spread over em oftreser Country, there can be little clarger from this Source. However popular a President may be eithe commencement of his endministration, if he samethours measures detremented to the states. or to a lange portion of their, he wellose his popularity; en intend of complying with the lews of leangrup which operate against the intuito, the consigner will be to being colount ex elipolistion of the blumen: and how it enforcements to us , orme questit elenger. . The everyte Bunchest trad ease might be dilburt

The panty, styling themselve whigh lind fewett with automorous, who are my windly to Gul fachson's allministration for nighting to stiff out their masures, They strated remember, with mesonny was finit apositive for its muche of the your and other introcens cits, and when masons were powery out this veryeaux infromall who david to question the menty of themenstate the and, whigh stood celoof, or, in many instance, joined in the massive vitupucations against antemusins; und in some instances they vone as alusine as masons themselves, This has eneated you the part of Centimusous, suspensons of the rectitude of fuch whige; and they may look to themselves for this breach of confictine. This perhaps will be cathelinedus Inejudice which ought now to be enal-" icated. Let Those who have fith themas your employed in thise marked friends of mariney, and will offer mo vecuse for this sin. -gillen correlate, gullege of the motions It there furtinded fratuoto. Such invet onercy is not be winher out of sight

14 The Commerce Otherwooded or Reprository of Useful hnowledge for 1836 This work is published annually in Boston, concette forward is the yell It is eliveded into two points, the Atic Wiscellemon Defractment, om-- bidienry the Statustics of the UStates and . Envolve. The extraorrical calculations by Mr. Pour of Boston. Since our Feducil as well as the Steili Governmente mighet to establish un Ostronamucal Observed tomes for the limit of eisthonomuccie Seine, in an gratifie In find that individuals, who see the Infratance of this hnowledge, and circ clisimonsof woulding of the clisgreene which is extrustred to such migheot, come willing to igent this talinto in reclument the country nom such infrutation. The works lessone ers contours 324 pages, lesselis 12 of Juntimuray obsu -vettous, findere and textele of contents, end is somewheat on the plein

of the English Manticel alma 3 nac, Each month contains two pages and with in Ephineris, taleleef the cop. provent places of 30 principal thous wording to Bepel, come others imbreing refice How come francellay, give room for much improduct matter! The work celso con breve or table of the belifeses of Justitus seittilitis, accultation, & the Lette trules come dangetweeter of places withinthells. The Colonder is imprestant for the astronewal student once the Blatist vine receive much ever from the most Though the work in its pursent from must be cottinded with considerable June, we hope the putnorge of the Inblie will enable the problisher to enlarge the future mumbers with the additional astronomical matter. Om vetension of the finding obser waterns, is wanted for youry entrose mens, i une une voulet recommend the following additions to the find pent. viz. Inthe terber of Or.a. of the stans, a fine of the burgest of

in Avisa Majar une Cupiopieisto 44. Longitude come a. a. emd of the motoris Seme elicunities end passage of the minicition. U finolitions in Imactual Costronomy, prosteriterity such as relate to finding Letterde, emel Longitude by Minonomaters, merid -i cons enul the vincition of the magnitu needle, a short no cal instruments, with their prices, would be useful to students in Cistionomy, comet Sunery ans. our oficitionsmuseling there addi. trons to the colonemaris to renduit moverseful to, who make objence Trons on Cando, tithe the forentecal almonaic for seamen on the Oceem. Here colmenae in its present forme is valuable, enne its prince, 75 cents, low, cince cell inquisting young men, conce especially thusi who have a toste for Ostronomy. Strould falou it convergethien books. Orectiont of

Mr Sound, in his pullimenony deserved trons, espilites to our state enio Frederal governmento. Noticing this effacts making in Europe for a monderateal honoroledge of the tretes, he soup: "It is a source of electe regnet that thise Savans will not Jurobably find any co-tabovers in this country. Sos - sefestorel es un cere of em unmense se acoat, cruck the second commovial nation or Evith, it i voulce seem that em accivilite hnowledge of the courses of the titles would be unto us of the highest unpoitaine; but There is too much reason to from thet we Shoull clo no more to advenue this quest work than we have done for astronomy in general, voz. to declare vinselves the most inlightend prople ever in exist. ence, to fold our anns, encleonlinue to be indibled to the noble nection from which we discinded for their Naci - Treal almenere, without which hered - Ly em limemenn Shipwould go to Sellen I an our previous runers on this Subject, see outicle 3, page 5th in Shitch 1300h Nº 2. also paye 148 if No 346 15 The Weether. In our last nemadesunche this head, Septimber I, we noticed a seperce front which we supposed must have done much clamage to the enops of Indian einel Broom Com. The deinage was not So great as we had contentrated, both erops however are injurel, and we believe in some places nearly clistinger. most of the month, factoriery the most, proceed weaven, in some instance the thommometer up to go, emectrough many of the leaves of the brown crop were hilled, the tops of the cour is many instances shot if and headled out, once healthy because appreared above those that were ctry. The evolumeny thingane afford a finitty good ajellet. Some of the late Inchian Come may be clamaged, and the ewo have been observed to be defective. at this time Sept. 30, the weather begins to appoint the usual temperation of the feel, though no severe frosts hour occurred since that of the 4th instant one is

executing onthe methot of the 29th; when a finitely sevene one occarred, which Inoboally has confileated the in . in of the crop of Broom Com fucuausly injured, if not clisturged, be very mule dancegue, the late linops of Incliencemen Jone of our worksmen unfologed in enthy grap in a low situation, authornorming of the 30th of their sythes, in considerable quantity, though none was pencewed on objects Some tinglet enhance the sunferice: afinoof of the commetry of the theony of In Wells, as noticece in court, of this No frage 1. In our thus and other feuto which have been observed, Ithink the theory of the Dr. if not estatelistud, is runding highly probable ; come if of ear be shown that the radication of heat from law situerhow, is mone goprious them from those; which am higher, we may elected for the phinomene of our ecirty frosts. Gould imy mans be divisced to fineout the rechetton, we might seeve our crops. To cover whole files with a serven enste me Butin sman quadens Amaylenses.

60 16 Military Develle of the Fride fundant Horps of the 2 Brigade LD. of Mulitiev. This provide took place on the 5th of Governor Evenett emblis side war in Sent. The day wells or any forthended by a NE. wind, which Toncovered the pleasure our young much cel centicipated. Excepting the uscrial movements cut a review, no attempts were made to chispoleny shill in tactus; now is it to Suppresect that any count move ments could have been performed, as the several comprairies printome defficiently on this issuel company horrercles, and want time to learn, fort leftins The troops anginerally young men, propegee of the spirit of solder and little of them habits, by meunit ing thin in the field two or three lowers annually Ath the muelsany equipocege, subishin comit smoclucate pay, they would they

leaven something of this duty, and be perepared to Center whom higher instruction when called into actual service; and I trough they might not be able to cope with stunding twoops in open ground, they would soon pursunt a respecta ble front, in which a commender would tel some confedence. To introduce a migular system of chisceptine and give the requeste inshiretion to the Officers, Inspections should be pro or delly the state who should bisit the annual camps . This Inspectors to be thorough disciplineverans und verse in all the principales and finallies of wow, as wellers inginienty. Such might be found among the grodituates of the School est west- point When Congress or the Stute Ligislatime, shall adopt a plan of this hines, our militier will be placed an a respectable foundation, und computeret men well be found to command them. Then our define would no longer exerte the snuns of the regular tacheran 1100 the continget of men of chromment.

70 14 Stienn Carrages: Some exections livere made en Enyland, in 1787, for chiving Steens Coverges, but the object when not In 1802 Myour Trevithick & Vinan invented the high pusine in que, come en 1805 A was actual. by explicate to the experient of mobing coveriences on a rock way at Monthyr Tidoil. But it was nottech 1011 that the first the me coverages were actually used for praitical purposes. The wear alone lay Ma Blirthons of who intres. chued boat leagons on his real way. Since that time infinous mints have been mede, and they ane nois extensively useds. But it enfrences that Oliver 60. and our inquiences inchance Thulacht phice, had timed his mine to this subject at an earden date conce in 1804, he herrestanted as lange flat or sever, from the place

when it was but, to the Schnighick, on wheels, with a steum ingine I afterwards chounded that rever to the Delevoure enve proceeded to the buly 14 or 15 miles, in pruserue of rumanous Spectations by the summe promess. Maloveurs Imojected severel plans of working weegons on smith rocals, and obtenue palents from Pennsylvance and Menyland for the purpose; but lung include to construct his origines contract the aportence of qualtitioner of Imoputy, hi fulle of sump. In 1813 he fundicted the future Just - cep of steam hours parties, bother land end water, and lived to see his fine dietuns venefice in prout. Had heleen encouraged and ended there is lettle cloudet that he would have given the honor of the finit steem bout to Swan of the Hudson glided along its sun the humble cygnet. The Delivere of not unthrout toto meed; factive fint Steem boat though impulset was fit

18 Mothod of Traceing a Line of Latitude owhen extensive traits of Country, such as hingelomo, States end counters, cine bounded on line of latitude und it becomes meipeny to fix this bounda. rus, quest eane is necloany ", the Inocep; now is it easily performed without very nice instruments. Two modes and commonly adopter. one by tracing a great circle on the earth, and setting off, on a minulian, the ealendated distance between The cende ence the proveellet; the other good mergnetst instrument, and then determining the latitude of its up himsely, conce correcting, moth or South, into the letatolde. The letter would be excernete if the latitude could be deturnered with purpoion; but with all hos sible comethis will runcin a title cloutettul; for our second of error in the observection for the Entitude wice produce of words of 100

feet of elepreviture fram the percellel, und. with the lest sector the zimith obsternes can randy les detirmined on the quater mity Hence then all lines of Lutitude this Traced must be of a zig-zay forme, though him ewive. The mittrod by tracing a questimile and setting of into the Culitude, apprens to me tobe more accurate. In the open ection there is no difficulty in following the course which is always in the finne voitical, any if the distance run he meeseved honogontally, or movely so, the requisite docter for calculating the offsot with les obtamed. The fullweing problem in astronomy semis place in the celiptie, or his longitude, come queatest electionation is given to find his declination at a given time. Voy. Rad: Sin. Suns Long: Sin of the quet. est delineation (or obligatity of the celestate): the required eliction . Suppose A is required to trace the

73 parellel of 42 of Lat, to the motioned a michem line is finit chower with minute executives, emel a forme verticul traved wester are a by atransit, or other eccurate, instrument; perfuncticular objects being irected at suitable chisteries on the line . Inf. pose the clistence measured to be 20111ilis. This line, as every continued go west Long. from the place of departure will intersect the equator and foun a sphin ace tracingle whose L out the intersection after equation will = the Sut of the obser vatory, or 42. The chitame of the observeitory from the intersection of the equiation inche he go - 20 = 89-110-000 the Imopation incies fullows. : Sime 89-40tor Logg - 9,999993 - 9,999993 19.825511 :: Sine of 42 (or Lut.) Then 42°-41,59-59= 3 Securios, the Obstance South of the provallely 303 fict (menty) This clivtence soty. on a meliun to the swetth) will mut

the preventil at the towning aton of 20 graciafilical miles, which measure have chosen for simplicity in the cal The some qued civil may be con Timuel, or another traced from the 2. obsenventony, una es similare process fullowed. Other points maybe found on the curves of the Lutitude, by similare /mouses; or of the Line backs be corneded by similar trumplis with a good comhads; the errors will be small. In the Logarithmus calculations it may be messery to use tables, on 10 Island figures to detect the omuse eleffeniones. Taylois tateles mulle former inspectanthe pumpose. The state of Pennsylvanice is bounded worth an South on paralleling letterede and on the west, by a line of longi-Tude, 5 west, of the southeast counter on Delewane niver. most of the Jouth line was haved by mans Mason circle into the provallet of lecte built; and the extent wear determined by observed Trons on the celipses of Jufritue sattelets

The southwest congle bury thus noentermed entraiset line evers comeid North to Lake line, by Encharo Ellutt covered west on the pravaille of 42 N. Let. by elitermining proints on the line from exemitted chitemus of stones, takine with a sector, und the lines lectiveen the observations run by the compacts. From the week known astronomical shill surplum of the gentlemen emplayed on the boundaries, Jamang whom's, lessilles It Ellicott, were De Elving. Ah Rittentroup M. Luhins ome the Hutchins, it is forcommed the limits of the State have been cecurately determined. The south line of the state is bounded Ly the Lot. 39-13-10 N commonly called Meson's Dison's line. This gentlimmer meconial er elique of Let in Tennsylvenice, on a pritty liverour Lecce, enne francol it to be 363706 British stemeloved fict. Several of the southern States eine bounded frewtheely on francelles of

Loit ites the, land whather the limit, have been settlich by eistrionomical Observations d'un not informe et. Sout of Massenhusetts was originally bounded on purulles of latitude; list having been incicurately traced in it, levely settlement, the bounds have him frontially settled by the old inproverments, without much required to to the Catitudes. The grochoir Sunny How making, were finoleably procee, that they carry considerably from the line of the original chartens on the north it is finoleculate the line is not very connect. Excepting the western luce, which was rum by a transition. strument, the surveys have been mude with the common Congrap. On the south between the Committeent and the NE angle of this State of Commileret, the line has recentby run with considerable care, und the Local cothections of the much cultones for; but in some insterner old infusor munts were required & cutter them the Travallet of the oneginal charter The line is now elisignated by Jummount boundances.

The weether. Incettie front of the 29 of Softender Part, there have been several sivine ones, emethe weather continues col Out this time, out 10, the high ground in the tours of Hollifan Whight byl. 1000 and other in that qualer, effector encel with more several inches in defith, end wewether as frist of west cre. Com summe lus luen Too beool for the enop of Incheen com, and is is and shovingly riprincels, and undout - edly theme will be a secreity of this cuticle. Some enoses of brown Even eme marly chothwyed; comully Should this cold seasons continne we show he compethed to change Some of one enopo, for that that the grune lep heat to ripan. a veriety of Inclien com is reased in our hill weed northwest towns, which ripine everly enne is seriel to no fino electime ers owns. Probedely me show here un cevity winter, and who then our elimente is implygoing a purminist charge, is to be seed. The

The inclications of an early winter still within on the morning of the 12th our valley was dear covered with Inow, extended with rain & a cold montherly winds, and ell nature lusts on en chucony especit. Rundy hus such meather occurred, in our Lutitude, in the month of betoler. If it les time that the northern him isplane is becoming colder, as several Eunopean withins ower, it is ce question whithen there is reasonable hopres of con amunchment. If the finisent eleternorcotion is owing to en accumulation of polovice, it time which continue to dieneuse. But may there not be counting courses to this ineneuse of ice? Houl it hum a curumitation of from the comme must of the coville, and it be entirethe Hout this effect, our climente us is sufe hosed, long before this time we should because become a map of frost, and wege lean extent. But us this is not the Case, we may conclude them are

counterenting eccesso to such eccumun lettors. Supprose for ei perwood of years the northing ice should. by Slow increments, whired over the northern sees, would not heavy Storms cuting on the ice, at lingth lenech it edway from the land elecute the courts of the finged region! If we can believe the cultivity Jame of the Monthern Wheeling His has entreelly happened, within 1800 20 of cours. East Grundend had been mecceplele for a long princel, und browelly enjoilelete shelps in the cedjacurt secis; but about 1816 A deus formed that the ice had sufferior great chemins, about 2006 squire leagues disefrand enel lift the court vijsilete, krie isternets were seen as for South as 42 ... Lutstride + und may have had some offert on the temperature of the summer of that yeare. There may be other constructing causes beyond on hin: Buch when we consiler that the townth is fitted 7: Brander Journell of Science, vol 4. J. 2.86

with inhabitants, with orderstertions by on their infinite hower which framed the vast malher of the anverse, for a continueme of these adaptations; & rest aprirect that man were find en comportable residence, whenever he may he pleud on the globe, Inovided the makes due use of the meuns this powen tras placed in his hands. If the enop of Inchien Com will, ripun in our climate, we must change it for others that are endapted stit; emil that this is not an indispunsable withde is evident from the fait, that the north en to ountrus of tounder do not cutti wate it, get abound in other faving cours onofro, which fumish cumple bread - Strops for the intertations.

The Bloody Brooks Muster.

Though it was always rother sich in with fulsome fucion leastoned on the furfarmances of our milities on field clays, by editions

of news papers, the time was Where this might feels in the only "wevered they received from. the Intelie. Cucunstances are now change the mere acquered to train by vision laurs, moro premer a resusmede comprisestion for this services; something of retiscifition is throng huted from our corps resistat lange. Tue would not find fuitt with this colotors provided they would retruct the priese tothe Spirit of the mire, werthant appliced Their cliseifeline then they talk of of their novice and printeresque uniform of their eccuvicate coolutions and perfect discipline, it is imply elielumation chiginsting to every judge of the militing out for mitthe them emp no then esseifutione is fother to the mountal fields. If this elulamention were miller Stooch no other light, we would letithas fur its courth. But we object to it, because of has un in-Jeaners Afrit on that fruit of

the public who are ignorant of Anititiony seine, and becourse it timels to purpituate the Juniont notions, intertermelly shenry, that mittha men, chipsel out in mitting bandeles ence fit faith field of leettle agnos even. on our corps roused coloning, forthe Sprint they uphibit on the parades, emelow negret that the government do not see the newporty of meanting Them conveilly in the field, two or Howe weeks, to inable them tilean such discipline as would under them Musert. The further plum of trening Athen two at three clays, or ruther hulfdays enmuelly, is wille, if not useleso, and then prayabittle letter than lost to the public. The Cavestry am soul to trum made our excellent offreweiner. Huy did so; lust not as a snitetany body they posof the spunt but not the habits nor elis colline, to under them better they other mounted men convey the fullation.

This sprines of two ofes might be elsprised with in the militia, in tund of proce; omet at the commencement of a weve a confis rensed by govern must, mitable houses being Lumwhil The editor has nighted to notice The Cutathing comprairies, four of which were an the Grounds with of idd Junes. These confis ever generally compresed of the levet min found in the militia, and could offices be Invovidue who are capable and found of the study of militury ma-thematus, they would be value ble. In our curricul carreprende your military inspectors, thing might lewon much of their election. Gov. Event is built to have end Anssed the troops in his wond felic. Hous menner, Rue une greatifuel to section tunning his cetterstions to the subject of admitation, and coffeeling his prinsonal services sentements he has good on vaisour puller ou norm, in am up

Inchinorne that he is chown of ustowny the old oysten of huming the whole of the unotellmen, there which nothing could be more uninous. Lit the confes raiscul est longe, be fitted esta to the Junoper rumbels-called into compres of mo striction connectly, and assimilar I lem covered thousand esse the states; and we show at all times he need to puseent er formed whele body to em may be which on, with a man lan enny meny bu nensed by go. imment, to twhether places of The ititi body. Should Gov. Everett be instrumental is establishing such a system, he will justly murnt the thanks of the portret and the explaner of his country, and honoreble min reveil be found to rud A commolorous, not in a clevilled but an elevated, officent and respectable mitthe, which would command the estima of howen na-Trons who now smile Noun insunity conce frity our weathout

21 bisit to Bemis' Heights. Being est Boston in 1025, Innet with Semine Le. Fincility, the Editor of the Bos-Ton monthly magingine and in conver Section infrare his files on he mignest that I would funnerte un Corticle for the works. as There much several towns into the State of New york and visited the old Buttle Grounds lutween Still. water and Lakes George and Cham freein, and taken notes of the most intensting military openations in their quevite, I aquest to furnish Mu Horapp with a few extracts, und he insented them in his Mouth No 10. Not. 1. case with energented offened to finist. - ens, many finds envoid have enefut in, and in this instructs several are found. as Theme considerable confrelonce in the general connectings of Statements thene made, Jem choinous of counting the five enous which copience though they are prime fully mismomens, eine eto not effeit the sense. The following is a list:

Page 500, twith Line from bottom, face Grincichers, read Guns. 509, line 14 fram bot. for when read van. 510, line 4 fram top, for Harriage read Horneye Semepage, line 18 fram bot. for covered read covered. 511, line 19 from bot for have read here 512, line y from top, jou west reach evest 513, line 14 Journ top, for pass read press. Semme do. line Lifnom do for Butter will reco Buttinkell. 5/4, lucy from top, for recrutting read recortering, or rembent. 515 har 13 from top ofthe Morgan's insent covers 516 line 2 from top for Buttertill read Bat. - tunkell. See the Not in my Literary. By reference to the plans in my manuscritt History of the Nathrenn Cambringer in 1444, my traceerse own the besttefulds may be followed. My Companion on the town, was Nev. Tuservece Smith of Nowe who shared in the beettle of the yth of betoben 1999, now cleensed - colincation afterwards, Ilulia, est Brown amounty About Islands. In my verious visits to these buttle fuels,

with Gin. Bungaymo plano in my heised, Ithush I have obtained a finity eccumate hnowledge of the positions and move ments of the Commercen: & British troops in the of October. The fileurs were cheven by one of Bungayou's longimens comed the totrograply is wice delineated. Whene the positions of the comme and were facility they have been connected from infor. meetron obtained from officers who were in the ingagements. The late Gov. Brooks, who was IA. Gol. of Jackson's regiment emil commendatet in the Erbsence of the Col, exeminal the colus of my pleurs, come afforded and saffel and in my eliterile of the beetthis without a monuments to ment the grounds they will be lost to future generations. His ought not to be a Isomitmeal denspictive.

UT

This new system has recently lean bought into finactive end is believed to be more simple and useful the them the common system laid clown on our Books, in which the refuserta

tron of abjets do not expresse connect intesthe eye he placed inthe point of sight, end est er propie elistame. Hus in a cube the lines war made uniqual. but in the isometrical they are chave equal, and all right engles and repuscido? either by 60 or 120 elegences and the scale used may be expliced to ell points. In the enfinementation of complex mailing this is em agellost method of chlineating thum, and is now used for that prior hose in functioner to the old system. To ein eye habituated to the letter, the chawing may, at finit, affrair incommittees muchy whom lange objects ane refinistrated; this traceller soon varishes, and all points appreve very netweal. The only difficulty is in chaw civives, but even this ene more lasely in anched them in the old system The term Isometment is chosen from the like planes, used in the deline ations: frieshafes the timen resternquolour or fraval. let pursputine would have lever equal by explorationate; the latter has been ise it in what is called miletary from within sand used in whowatery small

Several of the figures in the plates refermenting Steam Congines, in the Ection. brugh Encyclofredien and church by the isometrical method; but no account is given of the method in theit work. In Gregory's incithemetics for Practical min may be found a Short Essay on this prenspicture, by Professor Fourish, lint it wants elucidation. The summe work mentions that a, Mr. Joseling of Englance, was printing a smule theutise on the subject, for the use of mechanics unil cotificus, in 1833) 1836 Autumnal Fevers. Lorly or fifty years, thise fires were very common, pententanty in our val ley; but of late they have become much lip fregnent, end extethe hur towns em mom subject to them them those on the Connecticut. Tenom eccounts forum www.ous haut of the country, it express that these forme one more prevalent this

Centium than is common, though we have but a five cases in our bally. Is a letter from my son Anthon, cluted Bene gor maine Oct. O"he states that he and line expertents on the rail road at that Islane, howe have a touch of the favire, (und that one of them was confined tolin griotens 25 class the others but sorbe In general flust evel musthy selections our supposed most tiable to fevers cleany the Cuterminal in outher, lind this does not hold time efter they ame thoroghly cultivation. But Thysuuns clo not exceetly enque is to the courses most housever am of the openion that they are produced by masmata from stagnant western emel morapes & thut cliteteneus ques use from thise and conterminate the atmosphere In a fraper insuted in the Tremsaction of the Commission Thilosof the calesociety in 1799. withen high William Envice, he inchewon to show by uppune = ments that there masmater do not unnelicately or climately, effect the hiether of the inshelecteurs; but that they cotto or deform, the quantity of the

oragin of the whors Jahne The fol Lourny em his words. From the facts and observed tones which time been stated, Ithrosho A many family be conducted, that the Ecuses of the muchoksomerup of low enne moist situations in The Summer une entumnal months, is not owny to emy invijsible mi-- cismeta or norpions effluries, which your from the soil and book in the line, but to a very eleffement ecurse, voz. to a elepicency of the opay. - ginous portion of the eiten os theme in such situations, in consequences unquitable unil animal protufertion, end eleleititating heat of the clays, enra the sedative power of the cold and clamps our of the nights." For want of the refreshing & selve. · Twy stimulus of france env, est the functions of the body ence performed unfrentetly and languelo - ly - The nervours system in powetick-Leve, becomes finitionativically suscept - Vele of impulsions from every change that occavio in the tempremeterne of the surrounding extraosphane. The explicite centron of, or upprosume to, or dannifrer one colder state of the ein them issuel, renders the webels on the surfece of the body promerles, and estonic, the became evel heart sympathuse with the wohnens were ence expels, the hower of every fundle on of the body chelines, tell the heart roused by ercumentating blood rucito with in increasing velocity, unic is relieved of the un. usual buther. The chotmetion have made by the writer, coppeans to me to be not very important. If the minomater one in full hourseless in the clinet offert on the body enne got runder the attroophine inhealthy by uptreating its egygen, it appeared tome no cobswellity to beny they are the course of the cliseases which follows thin office cition. Jufoscaplant to be treams Les until civiled whom by some good, as of heatestion from the ewith, with thin to become a rank proiser to the boely who would histale teday the gers was

wers the ecuse of the proison? But without contesting this fromt, the impuleent quistion is how to romey the evel. That electry a new country of its woods, in latitudes not much quette than ours, mice, cut finit, poo che fivens is generally exclanited by Jungonano; and that cultivating them m et finopue manner, well rimeter them satulations is also agreed. In Rush excluses the plunting a new Country, to elecuno more lunds Than he can cultivate immuliately, & that if he has wet grounds, to chain thim, town the regitable matters on the sunface and cover it with grass on other regetateles as soone as tropolete. While morapes rumain Evened with thick woods, he verys the masmeta commot detitions. The course of the fever montroud in the letter of my son, probably was the opining of en wich prapage severel miles through esthuly wood for a nent way and letting in the ray of the sun, by which the our wes rendered

unheatting by minowmenta or diminution of its opygin. Bungar is in Lat. 44.58 and is cultice a heatthy place; but the woods in its vicinity must be subject in a chique when elected off, to the beffects of misasmater in nue countries. The question when cultimal faces come more Inwalent in one scaron them another rumains to he solvedore Sudden chernous from heat to cold, no cloubt, one finish soing courses, as is well. known to be the ease raw thoops when encampied in the field in old or new countries. The causes of many of own diseases may be Leeyonce the human hen. Who for insterne contile whome the cholever which has recently havelled over most of the civeloge world and sweept vast munbers to obliv. ion. The may conjecture, but what of cutainty can well knowe! Tuesmay talks of variations in the atmosphere, but the why and the whomefore may never afe fream. In short, seeme with its finance bacotings, though in some printegulous butjust intimed the visitable of the grand timester

24 bothvolor Efforts of Deerfulelo. a party styling themselves the ortho. cloy Church has recently been found In the Moutheren fromt of this Town, through the influence of the niesblow ing clongy, and for several months Tast some hind frunds have funnish them with a set of preachers, so eather, whose chief object seems to be to riston the system of orthodopy which lino on many oyears been exploded by the majority of the prople of this town. They it seems and constantly unging the unsufitival doctions of the trunty, as a methor of questions Ir arteiner. Moungmen from anhert College ender others, healty inflected with the outtinscasm of that inthe tulian, ene pouring out thin Zeal with the hope of minacularily is, fluencing the passions of the univerformele, evel beinging them to thus imtendele system. syestudery, Jam informed, one of thise spiritual elliminus, in unes quivoial lunguage ; cleclowed from

the desh, that God actually alien one the crop to reclein from the rinnous struction into which we had fullen by the choolechune of bolown & towe newly sing the visional openus procorous to thetime in which indivine boin. Considering the force of old evenous, we do not so much wonder est such andaec Typonyoung enthusients, as we do, that min of common sense should be found? who have patiene to listen to their seconliquosos rant, But we trust that America rembins include found comong us, to apert to the howwhole doctamethat the infinite God of the Universe was born of a women. accused tenought hefore a llornan Count condemnue and actually furt to elecithe on the enos!! Allen who do not reflect, may be hevienny thing, hawever cobsund, or thushy they between her une total that the doctions of the trunty is a mys ting, but that we must be have it liceuns of is forme in the senfelux. the believed, because it is not to

few trots are found in our com mon troustern which seems to favor the doctime abundance of an offer site frunt out am for in white in plain eme / opation language uport the cartiforny. he coultold also that their and mysteries is neitwice / shitosofthy emil of the believe thim - Tome we do. Ause Las insterne, that the magnitic neces elle tinds to the magnetic prolety Jami withnever frances comet we erebrot it; but if me une told that the necelle expums this elirution, event at the same time it homts in a cliffement chinateur, me do not believe it; for it in. volus em erbsolute contractethon; enuchuneis em inspruteunt elistinetron which we should remember. Jours it enpreus, that so lung ers the election of the trinity is spelch to be essential to believe treinty, men of inlighting minds well he slow in believing it.

If they can be included to believe the contrine is really to be found in the sentitions, the risult, instead of Jinoeling a belig in the nucle the rejection of the sentitums; for the Some relison they would riged thank should it he found that they divies the truth of the elementrated fino positums in geometry. But we are now released from this absundity, by the researches of a learned chingy inulothins, who heme exeminate the subject, unthout the hammels of old systems. a relig. not est were with seine; and fue; enlightened mon subsender to the belief that the great God of the unwind was executive an the lonofs. Enthuisiaism may rave ence continue to alarm the uninformed; but it can no langer obfuseate the bright rougs of trutte, or hold in shouldes minds that eleve to think and upennine, with the france of the function spiritione masters

99 07 Containty and Belief. there tember, Rue often use these temos, or hnowledge and opinion, without definite menning: Huis we sory thee know atthing when we only believe it when we are certain of it. Certainty come lities emetion distinct things; By the farmerice meen that we hnowler thing to lie ; by lesting that we when of opinion that I'A is true; but at the same lime Ameny nothetime. Posetine hrawledgeis derived from three sorrices. ist frankastuition or Sinds inches when our suff evident truths. Os that the whole if or thing is equal to its provito; Hungs Equal to one emethersein thing one equal to each other; 1+1/= 2 de. Thys arions; when the words by which they are erpluntseel, ane undenstooel stute

the much as certain, emelors train of reasoning can methe Thin more obvious. 2º Demonstrution: or that proof of a finoposition by a train of recovery foundled on expions, white leaves no propolete cloudet; or in other words, comothe other than here. 3. Seeing ened Touch. These Jum, ewere have not been considered as certainly by ell. But Ithink a summer work sees emel feels, is certain that the ofwito which producthise sensetions misset egist. Er purson meng induel think he sees cime feels, when he closs 12 ot; but this connot be sowoth source organs & sumeminds; emil me con sectioning any other wing. Inablidge dinved from sylogisms we leave out of the quistronethy eve believed to be of no quest import. come in eletiming truth. Ell other howeveledge convents only to probeculity; but the may he such as to seets fy the mind luyance doubt; ext the seme time

Amony, or meny not be true. Such is ell historical and distinous; emel in their the weight of the ficting princes on the enede-belity of the fremon mething it, ance the meetter of which they totify: Whom the thing apported is infinobable or pretornatived it regions the tistimony of many intelligent and clisistenished without to produce assent or belief. Thus suppose one should apout that he come to a niver, end to prest the Set fine to the wester and brount er Masseyl, through which he enoped on eling lund. In such case we should cholidiere him: even if he had hundlofand leur elemed a man of shirt venewly; star in should say that it was more probable that he was under a mistake, meant to elecure, or wers insume, them that the thing ented was tone. But I mean not to sery, that muttitude testemony by others, to the somefout

who was - distributed and un connected, en mueus enclobe mor, would not be sufficient to proche belief; but that the testimony must he of the strangest hind to howethis effect, once that it would still be only probablity. There is emother hind of wichence we rely on tistimory, withant seeing the truth extremy from a belief thet the thoust men, willhout every in chrement to cleave, und who eme matters of them subject make them. Then Lee Nuvton, et La Bleur or er Bowa fino rosition when we are unable It trace, we havine it to be time, he course we behow they fully under cather surfict the and not entern that he best told us the truth. His only / moleclithy inicial ide ear sow is, that their Inoposition is True of they have climans thated it. Some then we make use of the theorem 103 they have election, without know. me them to be mathematically downet: and this a great frother of am Seamon, who eletermene their lang thick by the Luneum thods laid down in thin books, Inocial without how in the financial les on which they are foundled but in the Bet Out of methometris, them are many things incapable of dimon. shation, which however culmits Juno of sufferment to Involuce the firment licities. This, the proopol the equitione of the Deity do not comment to climanshation, unt Ithink, my came little short of it; and no intilligent your who has exermined that machine of na truce, can say he wants further prooform witend truth Thus, though we cumot ovine ent absolute centainly in many find Inolability on which the mind may rut vatisfied. Fines me meny give circlet to the emburt

handled elower to is by historians provided they are not preternatival; end when they are eliculy so, it is Inofin that we should require highing knoof of their troth than we do of these of common counts; and have un must rest on probeculating. The evidence of the truth of Elmistiani. ty is tustorical, und rusts on the same ground with other butonalevidence with this eleffennee, that some of the facts connected with it are fineterned. wat once thingone nigue stronger to-Timony, their common events got ean Therefore amount only to finolocaletely; but the Involability mery be so strong ors to produce from belief. The furthersions of some that they have received supremotival of the Inamabour yet commot explaint in wwheat of is, other than they have it become they continue they have it, Ilery out of the ew strong in a malrometern, or the Hindoo widow who hums howelf

105 on the funeral frile of her clead husbelied, under the bedief that hu sacrued books regume this in molection, es et is, the greatest v, .. . Thuseest found comming, us. The Inoleability is that there imprufstons emette workings of ei heated soning and due apent, never work establised en place Mon may their lewelow there. selves emaferney they ene insprined; lent I believe fine well beateners much can the thus electively Sit such, if they can lower the heat of their year, restect that hower. ledge is soot thus infused with thirminel; - that men ene born with certain powers bestowed upon them by the encator, which of cultivature when they convered the orgin of solur refliction, will enable thim to distinguish lections right einer wordy, tutte einemon. ence bout absolute centerity is not cettainculate, in fino pasitions

that elo not admit of intuitive or elimonsticuture proofs. Lit them wermme the modes by which they evolve ent fulief an other subjects, and they were find that they use the serve proces of recisoning to overme est their condis stons, as those who claim no end from Superical light. The zectot in methremetus or notwal whitesofry, who suitelinely hits 11/1on some hielding truth, many with as much finolimity elain the aid of sifumentived legitet, ers the zeulot one have mentioned: for the princheles of those serences ene not life the work Inherting the seeming of france theology. suncefales ement the work of their hemels. Thun, for exemple the sicles of cell Jeleun Trucingles ence in clinicat tono hutton to the omes of thuse ofprosite englis. This is un eternel trette, man has constance in bisown Continued the only whites

107 to hus use what the Deity fixed. or establishice; end to sery, this findcity of the trucingle is a humen invention, is obviously emonious. The summery he seriet of The Inemedition of bothomomy, Columntary emu ent other serenies which en Connelice on firece pour for Jeius Meny by his inquirity eliseovens thefice the has no more hand in contrivery them, than he has in the construction of the planets, and the laws that give to Think motrons. her home seine that if the proof of this restance of Detty els not comount to elimansticulture, they eine little sport of it. her une isthuste their chimonotrative. with the will informed they appreced So on the finate views they strike Their minets with the furit. of larrows, emel leave no chould. Force there en enfunerous who elein to les infammed who

who clony the westerne of the Desty; but thise I think have level aside selves with subtilties, ers of Birthop Benkely, when he lend it closes ers er truth, that the objects of sight perse nothing but i cleasing the minu ence, obsaice the wisterne of every have of mother whatever. The June of she of morels une thought ly some to be capable of dinon Shuhan. To us it al Anus that same of them, ever ather interstruce them de monstrative; but whatever mude it is mongh that we are considered Their truth. In what im hour welvering above we am not entern that we have issect clean informs; but we believe the principles and generally conretto our object is, to inforce the improtoure of injumining the truth of finosostrons, so fee as thry ance enpublic, rether there risting on the ficitto of others.

26 Oldrost of a Suncy coround the Feiles of Nicigones, with a view to the construction of a Ship Canal to conmed the weatens of Lakes Outano Fore, muite in 1835, under the churchion of Cafet. W. G. Williams, topograpial Engineer. His Reprint is comprised in a france Mit of 45 /rage, encompanies with y topo en africul plures en finsfile, upon lenge soules. The pleas is to constrict er ship or Steems boat current for the pulsage of those wipels, in case of wear with Canada, and for commenciations of prices. I was al vontes live lesen the Luces, ore from the hand of the Luces, ortangthe beach of the magarever; others to the easterward; histon entethe routes, the Levertur Herylats eniete lie passed, which wie unexpressive. The find rante is the short. least uppinsene. lust to me it w/-

- proms that, in case of a weve, it would he much upprosed to annoyeour from bottomes emitted on the Comado side Atus consultation may render amore constium route /inefinable; und whither our government will consule the impart ence of such a passage worth the repunse is cloudetful. The referent suggests thete in faction was on the lakes, Iteam comed respets wire he introverely week; but of this of have some cloubts. Thisi repelo com he issel with great advert. orge in the hours partation of buyung Invisions & some, but I can handly believe it wineles of to covery gen frowder in a repet which nequines so much fine to work it as, strene that. with our the funeustrons untine The power of man, this sout of weful were he uppresent the most futil and buto when is everying the liquiste quantity of gen powelle for a newelleution. Thur, It appears to me, well for everyone vent en aftrome use of steam rufsels in naucal warefune, other than for the

Transpractation of stones of a quality very cliffement from quir provolère. one indocument faithe project of this comal, is the construction of the wellind cancel on the Brother side, by which it is suffrasece they can convey thin ships from the ontours to lake bout in case of awar. Supprese they cando this, well it give them any advantage our wo? have it not be newpung live them to heafe a comfitteet naval Love on both takes in time of wews. cince may not respects built on thetion lahrs ensure en the principous. For exemple. Suppose the Butto to with chave the whole or fraud of their naval love from Ontono ume covery it into Ence by their cancel, by what means courthing to econy on ofractions in the former, or elefond to shows. They might it is time, pussent a suprince on one lake list they would be inferior on the other, conclushed they might your in the one e cope wearder be both in the others. In strant At effren that the advantage

to be obtenued from a ship cancel as is proposed, would not justify the uppener Is it then improvedent as connected inth the commence of the interior? Simethe construction of the mohowoh and must enn canal, A appens, into the com men of the internor elos not ruguere the Imagistude currele; for if Amine compalicates, The truck of the interior would be corried on through the Jumes, excepting that of the south show of contenio, und went this would be erbout as une anommo etatul by the Jemsent canal is by the Imojectione. In fine, all the activentuges that might be genned by a shipe cancel ence churchy within our recells. If the finesent cancel is insufficient for the humsputether of the stames negoisite in a ware with bunader, would it not be more for the his. To will be he cut the volvole up/runse of intereging it, to answer that pringrosse; this A apprime to me, would be shirtly unther the francel constitution. The repract displays enquired scenario

113 Con cel golicie formula is given for encuration in the slope of a him, which is elemed to be new. lun notine a went of refunices to the felows come profiles cucompanying the report, em omipean colinh has beenne very common in late works, of many authors, who make use of chagrains Las elucidation - Ellso a fine upper and terms which are somewhat freen lian to our west fromt school aplem is called on elimint (su page) S/wahing of the only posed adventages of a route , fine chicitado enformante belief that it offend a mone ri timed line of communication, (mgigi) it is serve, is a mapine that ought not to be overlooked. The should have said circumstance. The de development of a falure is often used Surface The young money not be very involve, lest they affrien to me to be ruther Frunch them English. atten might be mentend.

The chourt in the reagana orium 114 omegeven as follows The respiels communeing wout a mile about the mein full , wheat _ 52 derea The main full on Canada side 164 e, eou a There to Leveston _____ 1031/2 Thunch Le britario ______ 2 Total feet - 321 h Hux chiternic is statut et about 35 miles, from Sahe to Leshe. In the plate which conterns Magore river, from the head of the fulls to the withet into Lake Outevilo, es viceo of the country bordening on the river is given, encoreling to the rules of her. spectives This view instruces home Evice new Buffelo, and this seen at the southim exturnity. The suphosel france of the observing is is high front over the Southwar mere gin of bitemio out, or neces, the mouth of the Niagonia (abirds eye view) views of this have many buchause from a toprografitmed map, by afring en eleventer point, of agreen hught and cheducing the lines emel surfaces by trug onomitance calculations,

27 Florider Wern. By our news-papers it expresses that troops and expendeling in Flouds for emotten cetternfot on the Semindies, er queat portion of which are imchoup - time comulation; ema whether they will be more successful than the same force "were last oyeur, is to be seen. Many of the rigillour corps steetsomed there cloving the summer and send to have suffering severely with sichness, and meleed eitmost elistroyeel. elp in his e companions against there Incheurs; bent I believe he est no line unchated into their sweinfis south of the withlacoocher, nor met them no grounds. The commencer will find that ull his shill will be called into neguesition to forme these wild fellows from their everylactes, & mery recept no more lesous them did Gin. Scott the last season. who was so swenty considered.

The incliens may however be brought to terms in the course of the counter; but if it should turn oust oftuneuse, it wouldnot be a strange result. Gm. Scott we understand is toler brought to truck before a Court more tral for his fulline last ogewe, und Ithink if the court is compressed of enably acquitated. Hund inductioned Alic, if he is conclimed for not sweet ing the imprinctable swamps of that ytmore region, with un uneliscip - line force; nery, with about any fore, est the time he entremied upon the invipolete enemy. But the Julelie voice has been loud against line mu this may prostrute him. Com mandens sometimes find no favor melu such einemstances; end with om wild military notions, it is im. prosoletete ententate results. Sust years the redocateible Gin. Gennes, after mountaing from Sounfree Bery to counte trong, ence theme buch again to to the withlacoche, where he est wh

his homes emil clogs as the only means of avoiding starvation, which his improvedent messences had brought upon, boasted that he had encled the were on the puniloula; ome not content with this replant, condimined fire Scott far his Touchy movements; end book tacties. might it not be wife to appoint him governor over his core. quience twenting, to adjust all defficuttas with Osceolas! briefact in the weare, cumot be hefit out of sight, and that is just one The point of the Inchiens : But having roused them to histities, there may be no other means to ustone price lend to conquer thim; of this be the Easi, effectual musium should be twhen, without deleng to any phish this object; unce it is to be regretted that the have not a chser/should force adequete to this service. The war unfoitunate au it is, we hope mented the until States a nocful leson. viz-that to procence precue une must be finificulate for weren

28. Letter of Benjemin Filostlett to Gov. Eventte, may 14th 1836. This letter we find in M. Hallefts Show thirt States Derily advention, Touch ing the Gov. and not time . her give. a few extracts. enter noticing a forme of fromtmints made by him Excellenery, olinopeurs to entimersons, Mh Hattitt serys "I weres prinsoncelly cleeply injurie by your internetion that Theil bousted represented as a source of complaint Inning oyum whig stipportuns; but placed yourself in the power of the whigh emil chsecordiel your anternasonie friends, es to puedude yourself from the appointment of any antimason to office, unless be would sufaport not only your, but your friendle Webster' ligeron "I was not however, Envance of your eletenmentous to ap. - proint none but whigh to office, until in the convensation I had with your ly your ment, in much last

consistently namineste to office any antimowon who was offresed to Me Autotin emel in favor fith Vene Bivien, except the offend of justice of the freact. - Hi sery he refundant his svofenize, ent then, to the Governor ence soult to time that if such wasto he your course, Tourshill em honora. ble dischange from our political con. nescon, on the ground that I could not suppart a mun who considered me, ence the whole political prosty elistieme lised, for our opinions on the Tresillency M Hallott's cin, the letter was recent. echly the Gov. on 21th of Mouch, und as he was about to go to Springfills to either the continual celleration, he had no time to answer of them. no nifely living received by Mh H. en win affectul, on the Governosis return, he eiddrespece a summel letter tolim on the 2 of freme, not be sury sto June the Gov. that "I must feel at liberaty to regard your seture as

admitting that I died not misaffinehund the course you informed me your relations to M Webster made Ayour cluty to presone - as statut in his letter I mench igth no refely from the Gov. Mr Histalis, head liver received up to the 17th of butoben. Mr. H. commot with proficity clumend a reply; but if he has mistatul fucts come the you runcins select induthen we have a right to chow our inference emil us he has meuli some expressit ments highly obnogenes to centimes from om infinme cam of hi favoredela. body to violant opposens, have earn me consistently suffacet time at the coming etectron? Lornyself Inquit that he has given suspressions of chainting the course hi once supported. That some masons who refused to vote for him for the office of Gow. and now much in his favor ine em sume; combine conta state somefects, et white his torquelling might purhaps be a little surprused, but we with hotel them for the present.

In his unsiver to a committee of listema Sons of the County of Michelesep, who haid ad chefrick time on the subject of Musoney. cellerching to the letter of Mr West on the Senne subject he says. "The sufmencery of the Lews, is the frendamented princepte of evere society. The celligicine clue to the Country, is the highest tumore oblige. tron of cult more who enter into Evel society; emu de onceive the Institution of furemasoury, in its tireliney, to be let war with both their principles. Coul further "The form of these objection is immunicitely energe by the furt, that within a few oyeurs, The institution has been cetually made the inshamment of the questist theegener inneprovedelle) will, which can be instituted on society, the chotimulton of the life of a estoyen followed in by systematic emu succepful ortheretets to sewenthe muderens, in defience of the most rigorous effacts, on the fromt of the tribewoods, to being them to justice" What could be more just them this plein electorestron, the clis-

covers ly chocernment when he adds the following! When it reflect that Warren could Warturyton comony the clead, and Monshul, among the labery; emil mombers of prous, victions, andhan incolate men in the community Eurosomel us, Jame of whom I have the happenuls to count emony my prosonue friends) une musters of the institution, I condicilly endofot the sentiment of Mh Wort in neform me to the same proint, both justice, end fundance dimand choimmination emilted it would be em unjust fino scription to involve to uno fine en honor with gritt and human. But how die M Wirt reconcile this! He denne this this we dothe mason. my of this men en truly facet the Otime They were without there winconty there steps in its toursle come even they mene very elofficient non those of the miserat. The Chafeter has similian introclared into this Country, and the higher charces unethin entinemen; emil was Mr. sem the devel of sments of monous

musons in his own , es well as other Steeles! Heaven of be! Haw there could be pronouncement to lever tros and honorable, who risted imcluthe outho of the higher orders, ence electioned, or refused to absenction Hurr, as himmerous? He might as well have told us of virtuous robbing or honeredele minuter. To the outhersets of these ofthis we histatinof tosery. in justaposition with them; emelseline in then receptients, must ever oute surfrecion, and doubt, and that, sothe language of Mh Worts no more of common fourthace con sleife ounthe clisioners of the pour ticul inhibition of masonny, we how houte in the State of New yorks. no vertures could to over toble more can justify the outher of musony, es they have lever given to the fullie; noe cem any rational man who has recommed the conclused of this elicel of rement, intellam doubte that they are traily revealed to the

world, without withing out defiance all human testimony. If any mason adhurch them and oleans there to be homely, be must que who lin clowns to virtue emethorous, omel beauthe trowns of goodsner. Some comorighter, I lubere eure honorable min fint when Sfine them entitled to this epithet, I am conficted they come no friends to the outher of the Institution, nor the achnites of to sowacy with one circimonus; and that they would refueliate the imhootine wine they more humbele in openion Silver must be worther cunsedered as a sort of migative quantity in ousuning of their vintues In conclusion, of Gov. Eventt we say, that with his high literary arguirments, his sound in viel principles, concernations winning deportment, he may be wanting In that finnings of pringrose inclisher scalete in a chief mersistrate of the State. Tue do not have been, very that lie is thus weisting; but we are not without from The this many ultimately his the conclusion of eundid min. 11 Jo er is human to forgive Devene"

a motion Obsence at Decepteles Lend wining colored y o'clocks a number out 1 of propele who were moun stick, man 2411.] The buch school hunse, sous a lange meteor in rufnel motion, leswing about west, at the hight of the sun Johns a bout an how high, es one them expensed to me, estimulade with a bright flash, and soon after a heavy report was broad from the some statio, journed the building. The however elice not processe a flush one of the persons who saw it, estimated its dish et about the soze of the croson of his hat. Con observer who was at Lyder about 10 miles worth of no, states the metros veus sur ut that pluce, in er elimeten vonthund, immette report heaved, like a class of thunder, upcelit The usual unerbuction was this are aerotile or a common meteor. If the former probesty there must have teen a fall of Thomes. We went for more partienters from other Theres, westerly of us.

126 The plunomena of this miteon were sim ileve to those absenved Amhunt in august 1819, ors gevenly Rufus Granus Evyr. in the 2. vol. of Sillimens Journals, p. 335, and that he serys was cottended with a reprot, lust instead of stones agelatenous mather was found where I fell resumbling in form a sence or sullad shite bottome whe words, about eight inches cliameter, the interior of which risonletted goodsoft soul, of em offenouse sufforcating smell. In all carses of this house, what. haufallinder my observation, no report has been hands; eme I had supposed, that this never occurred and the miteur was an acrotite. It should be mustioned that ext the time the meter was sun hime, the shy wees our cart with clounds; land I have not leven informet that lightney or thunde was observel; and Humen none my self, though setting before a south window, with er lening on my talete. Recording to the theory of Profesom Olmsted, His is about the season we are to look far mitions.

30 The Coros of Indian Com. In the notice of the Fenort that occor. on the lot of September last (see frage 1). me concluded that the evolutions mitemally clamaged. Our prophers now (and 24th, getthing it, and it ei/spins the conclusion we had made wer emoreous. colourt one half of The cours and little ordermed of the much state, ence the other hast, infor withy reprinces. Tholeably the unifu point incine not chang sufficiently for grunding into meal, ince must be pedant to coulte endowine in vio sofstate. of course the Jonice of the Sound front wice be high untip we end supplied from the south enn States! Old com est then time sells, et 150 unts the lustreli, on the Sen board Jum informed the bruce is lep, avery no cloulet to the im-Intertation of Sunthum coveyor. her are infurned that mare had fullin in the State of Sure yarks to the must become of taleer, to the objeth of 16 an 18 miles, and hard since n'asty.

choolved. Hinday the weether very mild emilpleasant emil un can sot com Luitably with and fines. Whence this chang es? butainly from other ceuses thun the suns influence. The eledination of this body is now 11-52, 44 South conce of course his muchiam att. 35 " 34 (necesty) Shall we then look to subterramanheat fur this verications of timpucatione? This maybe the true source, combined with the genual influence of the sun; lund our sech in vein for certainty, come must rest on probeability. onething however is esterning one ear fundat. The state of the methen est agives time

It seetime on Electricity.

Last wining, out 25. Tayoung man the W. J. Gills eletioned a lection on the Most house on this scrime, in our brich school house The principles wifeen the hypotheses of two flinds, vitneous come vesions, were stated with considerable ingenisty and elucidated by em extensive of privations; him marking of the Islate hind. Several clischanges your musting

129 with Notters electrical pistol, change loud influmble eur; the refract was The appearant to explain the notion. ale of lightning rods wine the most in -tenesting. The squewe presportant with rough emglis, he firstens to the Smooth enfindeme al one, as more serve to defined a building against a lectured stroke; end thinks the suze of a moul noel sufficient. Second by suppose om nicefouny pr lenge huidelings emer they should be connected end carried into the ground in various places, emel the enels fromt. _eob: Some of his positions Ithrought cloubtfue . The essectut that a checid ennimal was a non conclution of electricity, while a line one was a good constretor. His sems at vavi ence with ell the Sommer sho with which I have been conversant. Is the left of em commed the con eluctor instead of the body! Throw not on what up perments he found

131 Shopi filled with inam, is ensupe plene in er Ahmelu showin; lucius the lightning, if it strokes it, will he so eliffuscel es to pap of houmiles. le quentity of smooth inon, without fromted tumination, will esthathe the lightnery, but a small elisteine; ence this the proved by an appearimunt; unel if the mon is profutly insulated at some hight from the ground, prolecibly it would no more cettrait lightning than em canal buth of woods. Most orcall of the represents por lamed by Mulilio, might been /line upon the Franklinean system of hopothine end my ative and some lyphothisis of two flinds must be ele-timmenty future observed ions: and observenies. On the whole, the lectrone was useful to Student in electricity; it was end druped to the reason wather them to the magnestran, end though lop either -true them those there we often how. wer infinitely more binefrecule in

132 32 Of the Tricler. This everous Insect, as formuly certhel by Linereus, hut now nawhed unelu Coustacers has often eithented may enviosity, by its inquirity in sprinning its were emil taking its genne as well as its offer evenous properties. In the lettest works on nutwed History it is evoranged en factours, under terus. Tre en ology, a branch of Loology. Colup 2 Prochmielio. Order 1. Todasoma. Trumity q. Araneteles Spridens change then shows commelly, come the mode of weaving this nets is intimisting. They care provided with five treits or mofiles evit the uptimity of their boelis, the appentiones of which they can elitertian contract est pleasure. Through these holes they cont er gliney matter, which is can Formet in a bay communicating with the suffers. They without the inel of the mefited and of their threecels, by est Julying them my seles to any substitute come the themends are tingthing as the

133 ensimal receles fromt to, and in the own. They can state the spinning by contracting the niffelis, and xxxx meend the cord they have sprin with wording facility Same spring have the prower of cleriting long thenews to a quat estime, by which they convey throwselves evenofs uvensor chams. The themands thow sent out serve to mount them into the coin on which they move to quest clisternes. In a fine clear clay in cultum, this threads may be seen from the tops of stuples or other high pleases, floating cet queits hight, purolectely corrying the spriders with them, emil it is soul they use Then fut us ocus, essending and che Seineling ert plicasime. Hi use of their webs sums to be to certish then Juney; and sometis in a hole near, they cleart of upon insects when they got intemplied, come soon clertate to them der fruttin ditails see Edmbringh Encyclo. Noc.y. page 254 5 cecon Tome of these annuals in

climates, and longi, and so strong 134 as to ceitch smell bunds. William Ban tram in historiels in Horiela relectes activious case of this hinds, in his pleas mymanner. See Introduction to his Book, in our publica Literary 33 Of the bursting of boilers 111 bouts fino Jetter by steam. In 1832 Conques instituted an enequing whom this subject, with a view to inter Trose same sumedies to the elistriction of the times end property of our Estoyens he cinentan was addressed from the Treas. my deficultment to ingeneens con other mon of Service, in vovious prouts of the US, ishish elicited a quest minher of emsevens, containing isoful matter. reconors censes were Espigand for thise enerelist, emel schumes Inoposed to remely them; but the albus was reported in the House for that frum hose, nothing were eline. Many of the communications made by Guillemen, to whom the concelour wer sunt, were injerious, imbracery the Jumples of try doodynamies and

Chemistry, but there copyriamed a con Sidenalete divensity of opinion among the writers. In that of the W. L. Receptiel of New. youth a Statement was given of the number of up hosions that had occoved in the MS. fram 1814to 1831 inclusive, the total es follaces. No of Bouts 52. Hilled 254, wounded 194 a Many other similar accielists han since occurred. . In hulfild thinks the above list of the hillie, below the real numbers. and fruits them down 300 is In some of the communications of engineers, mothematical lewing was chesplandeme Edgebroice formaldae were Ithough exhibitive more youds common Souse that That of Mr C. A. Danis, ore of The climators, come President fino. time. Contemy. In the close, he seems than tous "Let the serentific mystify and worde thunseles ence others as They well about selety values coul some intres, steam gus,

prusum of customosphere and the dif. Lemme lettreure an explosion and col. laspose, it is amough to hnow that Hast these excellents and likely to our -ever; und more likely, when it is insisted on by the Theulling worth that a boot going 10 & 12 miles the tourse of inspirable to one going but 5 or 6- And thursone, until it is clearly prover, by long inframe that a boiler wont brott, nor a flue collapse, Ithink there is wiselin in greveling art interim eigenint thin elistimation conse This officereste be a few statement of the cuse; and if min choose to invent schemes to fly like binds, they must expect thin wings wice sometimes ferel them. The truth is, we cottent too much speed both in om steam boots enne reine roud Cours; and with out the precuntions without the proces. en of hour, fatul accidents will hafehen. On the whole, it must be admitted that Steam Boet navigation is on unsafe

It may be suit induct, that no vehicle affirmels a sufer convey conce, on a congey-- eince not lieble to accidents. The distinction him intended to be made is, that coverieges of a simple construction are fully wholes Stood; einer any weathness or failure of therprents ene seen by em eye of ordina ry cane, eme may be easily remelied; Ment in a Steamengine so complex as those used in levinge legats, the livisting of collesposings of the boitins, and owing to so many causes, that it is elifficent if not impropilele for the uigilent to fore see emil deffectually growd eigenst them. Elboilor subsmitted to the most regenous tricel of its strungth meny soon after become elefective, inhnown to the in geneer, and up/ Noche with most termi Oble consequences. The excelents that occur on land ane no degree so fated ; and where is the man who would not finifer a broken limbe, or even a head, to an infolosion of a boot, where not only his limbs may levohen, bus body envelopred in a fivious steem but projected intothe shy like co bonne shell, thin to sinh, fooce for showns.

138 34 Lothnops Combenscerele In Drahis Book of the Inclians (Book 3. /rage 27) we have some punticular of this Officia, not found in Hubbeard. Sheforme sent from Houlley to Deerfield is scient be 80 min jon their mouth from Deer fuld they were establed at Sugar Local Hell, by a fonce of Inchans, confruted et 1000, emel almost every man hilled 18 of the Starn belanged to Deerfeelel, sent to he teamstens; the Shote minher to then would be 106 realisting the few who iscapred . The Indians killed, and stated cut 96 - They cut ofrent the bags of whent and freethin beels, come scuttimed their contents to the winds. The four under Mosely is stated at yo men, who fought from 11 o'clock unte comost mostil, when he was obliged to retrued with the loss of 2 hilled & 11 ivounder; livet Mayor Truck coming who with 100 Leviglish eine 60 molegens, the cuttain was renewed and the inchems com Jubled to retried When mosely finit approvement the ground the Incheurs cloved him to legin the fight, evel.

equettingly seems to him' Come Mosely, come 139 you sech Indians, you want Inchans; here is Indians enough for ayou. It is statul that Lotting suffered his nun to Froll about white passing a clangenous clefile, many of their having lever so foolish evord seeme as to front their anins in the Covits, and other aside to gother grapes. one writer varys then wear er black and fa talley, whenen there were & persons made widows, and 26 chilehun made futhirly, entir one little plantation, emel in one day; emel erbour to pun. sons bronden om cheadful grave. This probably must be the and je cently former in the street, in front of Mh Whitney's house. all it is finishmed, were not bunged at that sport. M Drake quotes ers enthroilies I. Mathens History of the wow, end a manuscript Setter written et the time of the famie was shown to me by M'to virett last winten, enne sie Atamet informelme A would be published in the met munter of the Historical Calledrons: the letter should elso be fruitted in the same works

Olicords of the Corneition of the medicin In Prouds History of Timorylvenice I, find the factoring notices of the variation of the nucle in lauly times, twhen In says, nom De Douglas. Summary of the British settlements in limencea. The streets of Philadelphia, como 1682, were level out with great finesines, N. 18 6: Cuno 1942 they were formed tile 15 6. This in 60 years, was 3° alterestrum, In running the line lectiveen Terrory waria eme Mary timel, in 1486, the vereation was go wisterly. In 1434, in running the cast and west time, it was found 5- 30 west; obfine ince 3_30 in 53 ay curs. In 14 43, in running the line between bart 2 weest Junsey, 150 miles 220 Chause, the vani. estron cut the south met , (et Egg- Haubon) were 5° 25 west; and orthe worth ind of The line, on Delaw and Oliver, Lut 41. 40, ct mas 6-35 hurt. In 1739, The line betime Pensylvenee & · Many land (about 15 miles southerly of Thele olelphia) was run with a venetion of 5-30 twest equal about one clique in 20 years. It toake Hentofun, 1448 the venamen

141. was 4 must chancesing. The France vol. 1. page 245 - Thisadelphun Edition 1797 Chap. 5. The venue cotion from the finit settlement of the country, until about 1812, continue to lepen, or the north isid of the medle moved easterly; some 1812 the needle is moving westerly, or inene as me In early times the boundary times of the knownes were run by the may. netice needle, of course, without much accivacy. Estimomical methods amenous actopatice. The finot surrey of this him believe, was made by Charles Muson and Jenemah Digi in, in 1462 two lengtish astronomers who, the yeary before, were employed to obsence a transit of Vinus cut the Cape of Goodhope. This two gen. themen ran the line letteven Tennsylva ma emil Manytunel, by tracing a great cende once setting off into the Eatetude (See page y 2 of this Books Colimate of the Mississiffy Veilley.

Colinate of the Mingsissoffy Veilley -Until recently it has been the goneral opinion that the climate of the valley of the mississippia is wermen their the that of the seeme leditudes in the more 42 time chotundo; one Ihad supposed the fait too were established to autmit of a doubt. M. Nolney who travelled extensive by in the United States, subsequently & his evenued in 1795, intructing whom the Mysis. sippe valley, songs, the dunate is women in, in the Insportion of three cliques of latitude then the merculum districts" But some une nove choposed to consider that Volney's position is the reverse of the bruth, In the remarks in the Lustern havelle, col the close of the northern Travella, we fine the fall every - "The opinion has been entertained their, in cornes from day Cetituches, the tringmatione is higher in Myprissippie bulley, than between the mountains and The attentie This we exponentiend is erre event the establishment of which the with ings of Volney ume other thronging hameling have contributed. Once in prage 392 It is suid the mean cold inflowed to y weither along the centre of the veilley than in count/ronding talitudes, nion the ocean by 2 or 3 chegues! The opinion of the hegher

Arthod of tracing a Long Satisfaction timbrature of the beatly diel not ongencote with Volney; for I hime it advance long before he visitive this country; in if we imprite veronto lum in this respect, it is helieved he is as month the truth we the writer of the western tremeller. The feit their the western side of Continuits north of the torrick zone is warmen than the Eastern in corresponding latitudes, from the prevalence of westerly winds over the northern himsofthing is furthy will established Inthe Oregon territory, be tween the latestudes of 40260, not anty the wintens, but the summer am seried to be very miles, Whethose on the west coast of Europe in similar l'estitueles. If the but the feet, it would die very son gulen if the Climente, as we proceed went, should be found colder them eastern Ileccio. The Rocky mountains may in some Solignue effort theelimente of the Als. bulley, ". lunt it is buliand the mestuly winels, as a general course, must fineelomentate, and render the custom regeans more melet there those of the coil. The subject negunes remmedor

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in the minichen of any felace - S 14 dimencho un 5 Electus - magnition Bevelouis Conneting Plate _____ Effects of notation on magnets 21 23 & on the improvement in Navegetton 24 Imputance of Luncue obsenvations Gerfit Heills in Their archinerry Lemes full 25 y Novirotice of the late British Gam-28 paigus in Commence 29 Ficults on the places of our teammenters Inofficiency of melited troops 34 Riflutions on the duly est

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144. Steern Boat Descrotures Con the 25th of October the Stewn Board May cit Jane, which plus liteveen St Johns and Soutland, Fooh fine in Timobse of Bay subout two miles from Front sland, and was consime with from 26 to 30 prayers. The Non board was got 100; all out 60 were taken off by the Eastern Revenue Cutter The fine took whout I octock Sell as the Boat was est anch. The bunding of boilers is not the only elifficulty cuttineling these rupels; the quan tity of fine on board well forever up post them to have ecciclents com with the Whost care, wire it still be believed that Thise redsels, can be safely imployed in a navalewhon, with the equisite quantity of gun proweller on boariets? Theory posttion is preposterous. Conother of thise rufsels was weiched on Sea Island Buch, on the court of North She were cather the William Gibleons embhuit on bewel 120 prople, en of whom were scifely lunched, but suffered severely be. for they could be relieved. The Boat was cheven to l'ernel by a tremendair quele.

SERMON

FREACHED TO THE FIRST CONGREGATIONAL SOCIETY IN

DEERFIELD MASS.

AND IN THE HEARING OF SEVERAL

INDIANS

OF BOTH SEXES SUPPOSED TO BE DESCENDANTS OF

EUNICE WILLIAMS,

DAUGHTER OF

REV. JOHN WILLIAMS,

FIRST MINISTER OF DEERFIELD.

AUGUST 27, 1837.

JOHN FESSENDEN.

PUBLISHED BY REQUEST.

GREENFIELD MASS.

PRINTED BY PHELPS AND INGERSOLL.

1837.

to be the grand-daughter of Eunice, adding that she perfectly remembered her grandmother; a fact not improbable, inasmuch, as Eunice being only seven years old when carried away, and having as is well known lived to a great age, this woman must have been about twenty at the time of her decease, on the supposition that she attained an If these persons truly inherit the age equal to her own. name of Williams according to their statement, their kindrel in Deerfield must be numerous, and it is but just to say, that those of the name were not slow to admit their claim, but uniformly called them "our cousins." During their short stay; a little more than a week, they encamped in the vicinity of the village,—employed their time not othe:wise occupied, in making baskets,—visited the graves of their ancestors, the Rev. Mr. Williams and wife, and attended divine service on Sunday in an orderly and reverent manner. They refused to receive company on the Sabbath, and at all times, and in all respects, seemed disposed to conduct themselves decently and inoffensively. During their sojourn with us, parly perhaps on account of the unusual nature and circumstances of the visit, and partly no doubt on account of the rarity of any of the descendants of this race of people in our vicinity at the present day, their encampment was frequented by great numbers of persons, almost denying them time to take their ordinary meals, but affording them, as if to make amends for such inconvenience and privation, a ready sale for their fabrics. On the 1st of September, they decamped and commenced their homeward progress towards Canada. For many interesting particulars relating to the family of the Rev. Mr. Williams, the reader is referred to a Biographical Memoir recently published in a neat and convenient form by Dr. S. W. Williams of Deerfield. J. F.

SERMON.

ACTS, XVII. 26. And hath made of one blood all nations of men for to dwell on the face of the earth; and hath determined the times before appointed, and the bounds of their habitation.

THE fact asserted in the text, my friends, is one which the mere light of nature hardly reveals to us with any sufficient assurance, and it is one, which on this account, we should be slow to credit without some higher authority and additional reasons. The varieties which human nature presents in climates remote from each other are very great and very striking, and are such as will not allow us, on first inspection without a large share of credulity, to acquiesce in the belief of a common origin. The Scriptures, however, assert a common origin for all the differing tribes and races of men, that people the earth. They pronounce all the various kindreds of mankind to be the posterity of the same primitive pair. Naturalists and Physiologists, moreover, who have gone most deeply into the investigation of this subject, the direction of their inquiries, in all probability, being in no small degree, determined by the suggestions they had derived from the Scriptures, have in general, I believe, arrived at the same conclusion.

It will be the object of this discourse, my friends, in the first place, to state some of the reasons, which, on inquiry present themselves to our minds, and which lead to the well founded belief that all mankind are of one blood.

In the second place, I shall endeavor to bring into view, the advantages of such an appointment, and the occasions of satisfaction that should arise on finding such a supposition to be well founded.

I. What reason have we to suppose that all mankind are of one blood? In entering upon this inquiry it might seem a suitable question to ask; -What reason have we to suppose anything else? The general sentiment of mankind; -The sentiment which seems all along to have possessed the general mind, without any considerable manifestation of scruple or dissent, is undoubtedly in favor of a common origin. This sentiment, as I shall endeavor to show, constitutes a reason of no small weight, towards establishing the truth of such a supposition. It is nevertheless clear, that the reasons for supposing that the human race involves several distinct species are at first view very strong. The fact that various races of men are found in regions of the world apparently quite remote from all practicable means of intercourse, and without any previous knowledge of each other, while widely differing in complexion, formation and habits of life, has appeared unaccountable to many on the supposition, that all the varieties of the human family, proceeded from the same original pair. This supposition, on these accounts, has never been universally credited, but always disallowed by many sound thinkers and philosophical inquirers.

1. One reason, therefore, I maintain, arising out of the subject itself in favor of the supposition of a common origin, is the general prevalence of such a sentiment among the mass of mankind, notwithstanding the obvious reasons for adopting a different hypothesis. We may ascribe this sentiment to ancient revelation, tradition, prejudice, authority, or immemorial belief, the common parentage beyond a doubt of the largest amount of our most trusted opinions, as it is also the undeniable source of many vulgar errors; but one nevertheless, which goes back to an origin as ancient as the instincts of nature itself, and is in the majority of cases, perhaps, as genuine and authentic. The Mosaic account of the creation of man, which professes to ascend the stream of tradition to the time of Adam, must have always been

current in the world, at least among the Jews. It must have been current from the time of its existence; and had such an account of the matter been first made known to men at a time when the occasion for calling it in question, was the same, which has existed in later times, is it probable that it would have been received without hesitation, or that it would have become current without the existence of any counter statement or theory? There is no other statement or explanation of the subject, nor ever has been, which possesses the slightest claims to credibility. The human mind is utterly baffled and at a loss how to proceed in any attempt to give a different explanation of this matter from that which the Scriptures contain. A different account would lead to skepticism, in regard to the first great Cause and Creator of all things. We could no longer say with the Prophet; -" Have we not all one Father, hath not one God created us?"-The general testimony of such a sentiment, therefore, unimpaired by any other of the least probability, constitutes a reason of very considerable weight in favor of the supposition. of a common origin.

2. Another reason, and one perhaps, which constitutes the most conclusive and incontrovertible argument, in support of such a theory, is the following. It is an invariably acknowledged law of nature that none of the distinct species of animals, and none of the distinct species of vegetables, are capable of being mingled, blended or assimilated in the natural progress of propagation or reproduction. In the Mosaic account of the creation, it is declared "the earth brought forth grass and herb, yielding seed after its kind, and the tree yielding fruit after its kind, whose seed was in itself after its kind." And this law seems ever to have been a permanent appointment of nature and of God, with respect to all the orders of beings on the face of the earth. The insuperable barriers, thus fixed in their original constitution, by which all the animal and vegetable productions of the earth

are ever preserved from intercommunication, confusion and extinction, as we see to be the fact in the uninterrupted continuation of each distinct species, are too manifest to escape the most casual observation; and they afford a most valid and conclusive argument in support of a common origin for each particular kind, and such an origin as revelation declares. And against the validity of this argument, we may rest assured, that the several varieties of the human family do not present the slightest countervailing evidence.

3. With respect to the varieties, which actually exist in the human race, if it were an object to account for these physical diversities, on the supposition that all mankind are of one blood, much might be said by way of satisfactory explanation. Climate, together with the changes produced upon the human constitution, by diet, air, soil and habits of life, in regions exceedingly unlike each other, is known to be attended with peculiarities which are very considerable and very observable. This fact becomes manifest in instances of migration, in the case of the same individuals. And if it be said that the original varieties of the human species do not become obliterated, by change of climate even after a succession of generations, the same may be said with respect to other animals. Other animals of the same species, present very strongly marked varieties in colour and in sundry respects, while we never think these characteristics any indication of different species, however wide the circumstances of diversity may be; -nor does there appear to be any evidence that the animals themselves are in any degree sensible to these diversities. Do we not observe at all times among our domestic animals, similar and as great diversities in external appearance, as those by which the inhabitants of Europe and Africa are distinguished, while we make no distinction and signify no preference, on these accounts, and while these peculiarities, seem to be unknown to the animals in which they are observed? The sensibility of mankind to these diversities existing in their own species, is perhaps rather acquired than natural. It is like what takes place in matters of opinion and faith. In sentiment men are apt to be more concerned about points of difference which are not material, than they are about those which are most essential, and which are manifestly most incapable of being brought into agreement. But this concern, even the beasts of the field, would teach us, is not a law or dictate of nature. "There is no flesh," says the sensitive and complaining Cowper, but with much truth and humanity, as well as severity of satire—

There is no flesh in man's obdurate heart. It does not FEEL for man; the NATURAL bond Of brotherhood is severed. He finds his fellow guilty of a skin, Not coloured like his own: and having power To enforce the wrong, for such a worthy cause, Dooms and devotes him as his lawful prey. Lands intersected by a narrow frith, Abhor each other. Mountains interposed, Make enemies of nations, who had else Like kindred drops been mingled into one. Thus man devotes his brother and destroys: And worse than all and most to be deplored As human nature's broadest, foulest blot, Chains him, and tasks him, and exacts his sweat, With stripes, that Mercy, with a bleeding heart, Weeps, when she sees inflicted on a beast.

When we examine the subject with attention and candour, my friends, there is in nature apparent but very little foundation for supposing that the various races of mankind, are any other than the different branches of the same parent stock. And the advantages of such an original appointment must be palpably evident to every reasonable mind, and it must be an occasion of the greatest satisfaction to have become firmly established in such a faith.

II. We proposed, in the second place, to bring this part

of our subject under consideration. There are essential advantages in the fact, if it be one, that all mankind are of one blood; and the assurance that such is the fact, should be occasion of great satisfaction. For if men were by nature, what they have become by custom and various accidental causes, no remedy could be hoped to arrive for those occasions of disaffection and hostility, by which they are divided from, and animated against each other,—no remedy short of that which should effect the extermination of one or the other of the contending parties, whose interests should seem least capable of being reconciled. If communities of men, who are made alien to each other by strong lines and marks of diversity, and who are accustomed to regard each other with the atmost jealousy and aversion, had reason to believe that these marks of distinction and sentiments of enmity were founded in nature,—were a part of their original constitution,—what hope could they entertain that such a terrible evil,—such a wasting scourge, could ever be mitigated or removed? The weaker party must ever regard themselves, like sheep exposed to the ferocity of wolves, and the stronger party, must regard their defenceless victims, as wolves regard their natural prey. On such a supposition, men would conclude that these sentiments and practices of implacable hostility and violence were a necessary part of that business of life for which they were created, as much as for any other purpose, which contributes to their preservation or welfare. Indeed they might be led to suppose that the children of men had as many different Creators as there were different races of men, and that their respective Creators were as hostile to each other and to each other's creatures, as the creatures themselves, in each separate race or clan, were to those of another race or clan. From this gloomy, repulsive view of human nature, how refreshing the transition to that account of the matter, which is presented in revelation! Revelation gathers all the scattered and various

kindreds of the earth, into a common family,—traces all the countless diversities of human shade and feature to the same primeval origin, -- finds the same life-blood circulating through the veins of every human creature, whether his skin be blanched like the snows by the chill atmosphere of the north, or darkened to a sable hue by the scorching rays of a torrid clime,—purifies and reconciles all the discordant and conflicting customs and religions of Greek and Jew, Barbarian and Scythian, -invites them all to one hospitable roof, the celestial mansion,—the everlasting habitation of the same Common Parent,—as brethren of a single, united, harmonious household, as heirs and joint-heirs to a sufficient, a joyous, an imperishable inheritance! Such is the account, blessed be the God and Father of our Lord and Saviour Jesus Christ, who of his abundant grace hath begotten us again, to a new and better existence, that the thanksgivings of many might redound to his glory, -such is the account which Revelation gives of the human family. It designs to break down every middle wall of partition, by which the interests and happiness,-the hearts and hopes,-the labours and advantages of mankind are cleft asunder. It proclaims glad tidings of great joy to the world, peace throughout the earth, and good will among all mankind. It declares that all the kingdoms of this world shall become the kingdom of our God, that all nations and people, all kindreds and tongues, that all the children of God from the least to the greatest, shall know the Lord, and see his salvation. "Every valley shall be filled, and every mountain and hill shall be brought low: and the crooked shall be made straight, and the rough ways shall be made smooth; and all flesh shall see the salvation of God." All differences shall be reconciled and removed. The disadvantages of the lowly and depressed shall be taken away, -the unjust pretensions of the exalted and oppressive shall be humbled,—the light of the dayspring from on high shall penetrate to every condition,—

shall warm every heart,-knowledge and joy, righteousness and benevolence shall be diffused, till all shall feel their power, share in their benefits, rejoice together, possess the earth and delight themselves in the abundance of peace. "Fear not, for I am with thee, saith the Lord, I will bring thy seed from the East, and gather thee from the West; I will say to the North, Give up; and to the South, Keep not back; bring my sons from afar, and my daughters from the ends of the earth. Even every one that is called by my name; for I have created him for my Glory, I have formed him, yea, I have made him." Such are the promises, and such the fruits of Christianity. Mankind would never have attained to this assurance, this prospect of the human condition and destiny, on any inferior authority. Blood and carnage must otherwise deform and deface the scenes of earth, to the end of time. The scenes of this world have been more or less saddened and disfigured in this way from the beginning of time, and until the leaven of Gospel truth, shall penetrate the whole mass of humanity, transform and purify the ferocious and vindictive passions of the human heart, disclose and invigorate the natural and inviolable ties of a common brotherhood, bring into universal recognition the principle asserted by our Saviour, who looking around in the presence of the disciples upon the heterogeneous multitude, which constituted his countless audience, exclaimed, "Behold my mother and my brethren! For whosoever shall do the will of my Father which is in heaven, the same is my brother, my sister, and mother;"-until this, "fulness of the blessing of the gospel of Christ" shall be accomplished, I say, such scenes will continue to be exhibited in some measure to the end of time.

In the consideration of this subject, my friends, my attention has been somewhat impressed and directed by a regard to the unusual visit which during the past week, has been made to our village. At this stage in the progress of our

history, such an event must be one of rare occurrence, and little to be expected; and when we consider the pious and filial motive of ancestral veneration in which it purports to have originated, when we consider the sanguinary and harrowing transactions of olden time, which alone could make such a motive possible at the present day, when we consider this remarkable illustration of the truth declared in our text, by which the blood of two races so distinct and unlike, and once so hostile and irreconcilable, has been blended together, when moreover, we consider the peculiar associations and historical memorials of Indian warfare, by which this place is remarkably distinguished, this event certainly constitutes a very singular incident in the train of our ordinary experience, and amply justifies, as I conceive, that strong expression of interest, curiosity and attention, which has been so generally manifested. That this visit should have been undertaken principally from the not illaudable motive of paying respect to the grave of an ancestor, long since departed, and that ancestor our own no less than theirs, that such was the motive, I say, if we consider a well known trait of Indian character, seems highly probable. Such a motive is a sacred one,—it possesses a measure of dignity which commands our respect, and excludes all suspicion of selfish and mercenary views,—of unworthy and mendicant expedients. The spirit too with which this occasion has been met, on either side, so far as my observation enables me to speak, has been such, as I should think would be mutually satisfactory. Our guests have been received in a spirit of unaffected and unostentatious hospitality, suited to their condition, their wants, and their tastes. On their part, there has not appeared to be any evidence of unreasonable expectation or extravagant demand. Their wants seem to be few and humble, like those of the children of the forest at all times; and the resources to meet them seem to have been provided for, within themselves and in their own way. It is to be hoped. that their stay which promises to be short will continue to be

such, as will enable them to depart with friendly feelings and to carry with them grateful recollections; and such that we may hereafter remember it without any sense of regret, or any measure of self-reproach. All this were to be desired, even if we felt no confident assurance, that such a conduct was demanded by the genuine truth of the statement, alleged as the occasion for the visit. As it respects this question however, I do not think there is much reason to entertain any considerable doubt. There might be a mistake, and some occasion for better evidence would exist to meet the requisitions of the law, if there were an inheritance in dispute. But an intention to deceive, under the circumstances, I should be extremely loath to suspect. Nor can there be assigned any consideration of profit at stake, which could be a sufficient inducement for a journey so formidable, which promised so little, and where nothing of the kind appears to be pretended or expected. I have no hesitation in acknowledging my belief, that the professed motive for this undertaking was the real one, and would cheerfully meet it with a cordial salutation, with the hand of friendship, with the pipe of peace. I would meet the tawny children of nature, as the swarthy Æthiopian was greeted by an apostle of our Lord, who was prompt to fulfil his reasonable request, and to speed him on his way rejoicing. I would say as ye have buried the hatchet whose traces still remain visible on the ancient portal, to remind us of by-gone days of blood and violence, of suffering and captivity, so sleep the sword by which those wrongs,-if wrongs they were,-have been fully avenged. I would do more,—I would recognize with pious humility and solemn reverence the workings of that mysterious providence, which has mingled your blood with ours, and which consideration, while it awakens a painful sentiment of the heart-rending scenes, the distressing trials, and protracted sufferings by which such a consummation was effected, nevertheless admonishes us that God, who is no respecter of persons, hath made of one blood, all nations of men, and hath

determined the times, the places, and circumstances, in which they should live, in order to accomplish his designs of impartial benevolence and general good. We look at the mouldering moss-covered house of strength, which has survived the perilous times of which we are speaking, and as we behold the deep indented marks of savage and mortal weapons, the record of "dreadful summoners," at dead of night, storming the bolted doors of maternal tenderness and sleeping infancy, we shudder at the thought of those barbarous cruelties, which were preparing for the defenceless and unsuspecting inmates. But we are aware that it will be said on the other side, "Judge not, lest ye be judged." messengers from Dedham, first employed to seek out this location, in their report speak as follows; -- "Providence led us to that place. It is indeed far away from our plantations, and the Canaanites and Amelekites dwell in that valley, and if they have any attachment to any spot on earth, must delight to live there. But this land must be ours. Our people have resolute and pious hearts, and strong hands, to overcome all difficulties. Let us go and possess the land."* Whether the spirit of enterprise that expresses itself in these terms is in accordance with that commandment, which forbids us "to covet any thing which is our neighbour's," and whether in accomplishing its purpose, it encountered severer trials than it ought to have expected, is a fit subject for our serious reflection. Meantime let us rejoice that we live under such favorable circumstances, to ponder the record of our fathers' trials, and to reap the benefit of their toils, and let us adore that wise and benevolent Providence which "from seeming evil educes good;" let us trust, that those hard allotments, which have yet been abundantly prospered, were of a piece with all those probationary dispensations by which the appointments of God for the benefit of his creatures are realized and effected.

^{*} Worthington's History of Dedham-p. 25

CONTRACTOR OF Trespettings to adjust a se The party of the state of the s ALSO TO SELL OF THE PARTY OF THE SHOP Dellar free depth of the second had nother than I make the control of the control of the best and the control of to here a commence of the second section with the second of the second of where the second are the second property of t and districts that well the property little and in the party which colored to the and the same of the state of the same of t



